UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 10-Q

(Mark	One)		
\square	QUARTERLY REPORT PURSUANT TO SECT	TION 13 OR 15(d) OF THE SECURI	ITIES EXCHANGE ACT OF 1934
	For	the quarterly period ended September 30, 2 or	021
	TRANSITION REPORT PURSUANT TO SECT	ΓΙΟΝ 13 OR 15(d) OF THE SECURI	ITIES EXCHANGE ACT OF 1934
	For the	transition period from to Commission file number: <u>000-03134</u>	
	<u>Par</u>	k-Ohio Holdings Co	orp.
	(Exa	act name of registrant as specified in its char	rter)
	Ohio		34-1867219
	(State or other jurisdiction of incorporation or or	ganization)	(I.R.S. Employer Identification No.)
	6065 Parkland Boulevard, Cleveland,	Ohio	44124
	(Address of principal executive offices)		(Zip Code)
	Securities registered pursuant to Section 12(b) of the Act:	rmer address and former fiscal year, if changed	astrice tast report)
		T. I. G. 1.1()	
	Title of each class Common Stock, Par Value \$1.00 Per Share	Trading Symbol(s) PKOH	Name of each exchange on which registered The NASDAQ Stock Market LLC
month	as (or for such shorter period that the registrant was required to	file such reports) and (2) has been subject to ctronically every Interactive Data File require	d to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of

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		rge accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emergi I filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act	
Large accelerated filer		Accelerated filer	abla
Non-accelerated filer		Smaller reporting company	
		Emerging growth company	
If an emerging growth cor accountings standards provided		ark if the registrant has elected not to use the extended transition period for complying with any new or report the Exchange Act. \Box	evised financial
Indicate by check mark w	hether the registrant is a s	nell company (as defined in Rule 12b-2 of the Exchange Act). ☐ Yes ☑ No	
Number of shares outstar	nding of registrant's Com	on Stock, par value \$1.00 per share, as of October 29, 2021: 12,600,091 shares.	
		2	

Park-Ohio Holdings Corp. and Subsidiaries

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Part I. Financial Information

Item 1. Financial Statements

Park-Ohio Holdings Corp. and Subsidiaries Condensed Consolidated Balance Sheets

		(Unaudited) September 30, December 3 2021 2020		
		 (In mi	llion	s)
	ASSETS			
Current assets:				
Cash and cash equivalents		\$	\$	55.0
Accounts receivable, net		253.7		248.1
Inventories, net		386.4		310.9
Prepaid and other current assets		 78.8		92.4
Total current assets		778.5		706.4
Property, plant and equipment, net		232.4		236.6
Operating lease right-of-use assets		66.9		68.6
Goodwill		112.0		110.9
Intangible assets, net		83.0		86.8
Other long-term assets		97.1		91.2
Total assets		\$ 1,369.9	\$	1,300.5
	LIABILITIES AND SHAREHOLDERS' EQUITY			
Current liabilities:				
Trade accounts payable		\$ 185.6	\$	166.7
Current portion of long-term debt and short-term debt		8.9		11.6
Current portion of operating lease liabilities		13.3		12.9
Accrued expenses and other		122.1		115.9
Total current liabilities		329.9		307.1
Long-term liabilities, less current portion:				
Long-term debt		592.1		517.8
Long-term operating lease liabilities		54.2		56.7
Other long-term liabilities		56.0		61.0
Total long-term liabilities		702.3		635.5
Park-Ohio Holdings Corp. and Subsidiaries shareholders' equity		325.6		344.2
Noncontrolling interests		12.1		13.7
Total equity		337.7		357.9
Total liabilities and shareholders' equity		\$ 1,369.9	\$	1,300.5

Park-Ohio Holdings Corp. and Subsidiaries Condensed Consolidated Statements of Operations (Unaudited)

	Three Months Ended September 30,			Nine Months End	ded September 30,
		2021	2020	2021	2020
			(In millions, exce	ept per share data)	
Net sales	\$	358.5	\$ 340.2	\$ 1,068.1	\$ 934.8
Cost of sales		318.4	290.5	936.1	817.0
Gross profit		40.1	49.7	132.0	117.8
Selling, general and administrative expenses		45.1	38.7	128.1	114.7
Operating (loss) income		(5.0)	11.0	3.9	3.1
Other components of pension income and other postretirement benefits expense, net		2.4	1.9	7.3	5.5
Interest expense, net		(7.6)	(7.4)	(22.4)	(22.9)
(Loss) income before income taxes		(10.2)	5.5	(11.2)	(14.3)
Income tax benefit (expense)		2.8	(0.3)	3.7	3.8
Net (loss) income		(7.4)	5.2	(7.5)	(10.5)
Net loss attributable to noncontrolling interests		0.2	0.1	0.5	0.4
Net (loss) income attributable to Park-Ohio Holdings Corp. common shareholders	\$	(7.2)	\$ 5.3	\$ (7.0)	\$ (10.1)
	_				
(Loss) income per common share attributable to Park-Ohio Holdings Corp. common shareholders:					
Basic	\$	(0.60)	\$ 0.44	\$ (0.58)	\$ (0.83)
Diluted	\$	(0.60)	\$ 0.44	\$ (0.58)	\$ (0.83)
Weighted-average shares used to compute (loss) income per share:	·	<u>.</u>			
Basic		12.1	12.0	12.0	12.1
Diluted		12.1	12.0	12.0	12.1

Park-Ohio Holdings Corp. and Subsidiaries Condensed Consolidated Statements of Comprehensive Income (Loss) (Unaudited)

	Three	Months Ended	September 30,	Nine Months Ended September 30,			
	2021		2020	2021	2020		
	'		(In mi	llions)			
Net (loss) income	\$	(7.4) \$	5.2	\$ (7.5)	\$ (10.5)		
Other comprehensive (loss) income, net of tax:							
Currency translation		(5.5)	12.6	(8.2)	(1.1)		
Pension and other postretirement benefits		0.2	0.3	0.6	1.2		
Total other comprehensive (loss) income		(5.3)	12.9	(7.6)	0.1		
Total comprehensive (loss) income, net of tax		(12.7)	18.1	(15.1)	(10.4)		
Comprehensive loss attributable to noncontrolling interests		0.2	0.1	0.5	0.4		
Comprehensive (loss) income attributable to Park-Ohio Holdings Corp. common shareholders	\$	(12.5) \$	18.2	\$ (14.6)	\$ (10.0)		

Park-Ohio Holdings Corp. and Subsidiaries Condensed Consolidated Statements of Shareholders' Equity (Unaudited)

	Common S	tock						
	Shares	Amount	Additional Paid-In Capital	Retained Earnings	Treasury Stock	Accumulated Other Comprehensive (Loss) Income	Noncontrolling Interests	Total
	(In whole shares)				(In mi	llions)		
Balance at January 1, 2021	16,148,791	\$ 16.1	\$ 135.5	\$ 290.5	\$ (79.8)	\$ (18.1)	\$ 13.7	\$ 357.9
Other comprehensive income (loss)	_	_	_	5.5	_	(4.1)	(0.1)	1.3
Stock-based compensation expense	_	_	1.6	_	_	_	_	1.6
Stock-based compensation activity	(6,667)	_	_	_	_	_	_	_
Dividends	_	_	_	(1.6)	_	_	_	(1.6)
Increase in Park-Ohio ownership interest	_	_	1.1	_	_	_	(1.1)	_
Payments of withholding taxes on share awards	_	_	_	_	(0.1)	_	_	(0.1)
Balance at March 31, 2021	16,142,124	16.1	138.2	294.4	(79.9)	(22.2)	12.5	359.1
Other comprehensive (loss) income		_	_	(5.3)	`	1.8	(0.2)	(3.7)
Stock-based compensation expense	_	_	1.4	` <u> </u>	_	_	`_	1.4
Stock-based compensation activity	174,746	0.2	(0.2)	_	_	_	_	_
Dividends	_	_	_	(1.5)	_	_	_	(1.5)
Payments of withholding taxes on share awards	_	_	_	_	(2.1)	_	_	(2.1)
Balance at June 30, 2021	16,316,870	16.3	139.4	287.6	(82.0)	(20.4)	12.3	353.2
Other comprehensive (loss) income	_	_	_	(7.2)	`	(5.3)	(0.2)	(12.7)
Stock-based compensation expense	_	_	1.7	<u> </u>	_	`_	`_	1.7
Stock-based compensation activity	2,500	_	_	_	_	_	_	_
Dividends	_	_	_	(1.6)	_	_	_	(1.6)
Purchases of treasury stock (99,661 shares)	_	_	_	_	(2.5)	_	_	(2.5)
Payments of withholding taxes on share awards	_	_	_	_	(0.4)	_	_	(0.4)
Balance at September 30, 2020	16,319,370	\$ 16.3	\$ 141.1	\$ 278.8	\$ (84.9)	\$ (25.7)	\$ 12.1	\$ 337.7

	Common S	tock												
	Shares	Am	Amount		Additional Paid-In ount Capital		Retained Earnings		Treasury Stock	Accumulated Other Comprehensive Loss	Noncontrolling Interests		Total	
	(In whole shares)								(In mil	llions)				
Balance at January 1, 2020	15,706,398	\$	15.7	\$	129.8	\$	298.2	\$	(71.1)	\$ (37.0)	\$ 14	1.0	\$	349.6
Other comprehensive income (loss)	_		_		_		1.2		_	(16.1)	().1		(14.8)
Stock-based compensation expense	_		_		1.4		_		_	_		_		1.4
Stock-based compensation activity	1,000		_		_		_		_	_		_		_
Dividends	_		_		_		(1.6)		_	_		_		(1.6)
Purchases of treasury stock (180,827 shares)	_		_		_		_		(2.9)	_		_		(2.9)
Payments of withholding taxes on share awards	_		_		_		_		(0.1)	_		_		(0.1)
Balance at March 31, 2020	15,707,398		15.7		131.2		297.8		(74.1)	(53.1)	14	.1		331.6
Other comprehensive (loss) income	_		_		_		(16.6)		`	3.3	(0	.4)		(13.7)
Stock-based compensation expense	_		_		1.3		` <u> </u>		_	_	Ì.	_		1.3
Stock-based compensation activity	283,993		0.3		(0.3)		_		_	_		_		_
Purchases of treasury stock (149,376 shares)	_		_		`		_		(2.4)	_		_		(2.4)
Payments of withholding taxes on share awards	_		_		_		_		(0.6)					(0.6)
Balance at June 30, 2020	15,991,391		16.0		132.2		281.2		(77.1)	(49.8)	13	3.7		316.2
Other comprehensive income (loss)	_		_		_		5.3		_	12.9	(0	.1)		18.1
Stock-based compensation expense	_		_		1.6		_		_	_		_		1.6
Stock-based compensation activity	157,400		0.2		(0.2)		_		_	_		_		_
Purchases of treasury stock (119,831 shares)	_		_		`		_		(1.9)	_		_		(1.9)
Balance at September 30, 2020	16,148,791	\$	16.2	\$	133.6	\$	286.5	\$	(79.0)	\$ (36.9)	\$ 13	3.6	\$	334.0

	Three Months Ended September 30,			r 30,	Nine Months Ended September 30			
	202	1	2020		2021		2020	
Dividends per common share	\$	0.125	\$		\$ 0.375	\$	0.125	

Park-Ohio Holdings Corp. and Subsidiaries Condensed Consolidated Statements of Cash Flows (Unaudited)

	Nin	Nine Months Ended September 30,				
	2	021	2020			
		(In millions)				
OPERATING ACTIVITIES		(7.5)	(10.5)			
Net loss	\$	(7.5) \$	(10.5)			
Adjustments to reconcile net loss to net cash (used) provided by operating activities:		•0.0	260			
Depreciation and amortization		28.9	26.9			
Stock-based compensation expense		4.7	4.4			
Changes in operating assets and liabilities:						
Accounts receivable		(6.6)	9.6			
Inventories		(74.7)	20.8			
Prepaid and other current assets		11.5	0.6			
Accounts payable and accrued expenses		24.7	(18.2)			
Other		(6.9)	(0.8)			
Net cash (used) provided by operating activities		(25.9)	32.8			
INVESTING ACTIVITIES						
Purchases of property, plant and equipment		(24.9)	(14.9)			
Business acquisition, net of cash acquired		(5.4)	_			
Proceeds from sale of an asset		<u> </u>	1.4			
Net cash used by investing activities		(30.3)	(13.5)			
FINANCING ACTIVITIES						
Proceeds (payments) from revolving credit facility, net		78.4	(7.7)			
Payments on other debt		(5.4)	(8.1)			
Proceeds from other debt		2.3	3.8			
Payments on finance lease facilities, net		(3.5)	(2.6)			
Dividends		(4.7)	(1.6)			
Purchases of treasury shares		(2.5)	(7.2)			
Payments of withholding taxes on share awards		(2.6)	(0.7)			
Net cash provided (used) by financing activities		62.0	(24.1)			
Effect of exchange rate changes on cash		(1.2)	(0.3)			
Increase (decrease) in cash and cash equivalents		4.6	(5.1)			
Cash and cash equivalents at beginning of period		55.0	56.0			
Cash and cash equivalents at end of period	\$	59.6 \$	50.9			
Interest paid	\$	15.6 \$	15.7			
Income taxes (received) paid, net	\$	(4.6) \$	2.0			
/1 "/ "	•	()				

NOTE 1 — Basis of Presentation

The condensed consolidated financial statements include the accounts of Park-Ohio Holdings Corp. and its subsidiaries (collectively, "we," "our" or the "Company"). All intercompany accounts and transactions have been eliminated in consolidation.

The accompanying unaudited condensed consolidated financial statements have been prepared in accordance with accounting principles generally accepted for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by generally accepted accounting principles in the United States ("U.S. GAAP") for complete financial statements. In the opinion of management, all adjustments (consisting of normal recurring accruals) considered necessary for a fair presentation have been included. Operating results for the three- and nine- month periods ended September 30, 2021 are not necessarily indicative of the results that may be expected for the year ending December 31, 2021. The balance sheet at December 31, 2020 has been derived from the audited financial statements at that date but does not include all of the information and footnotes required by generally accepted accounting principles for complete financial statements. For further information, refer to the consolidated financial statements and footnotes thereto included in the Company's Annual Report on Form 10-K for the year ended December 31, 2020.

The preparation of financial statements in conformity with accounting principles generally accepted in the United States requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities, disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

NOTE 2 — New Accounting Pronouncements

Recent Accounting Pronouncements Not Yet Adopted

In March 2020, the FASB issued ASU 2020-04, "Reference Rate Reform (Topic 848): Facilitation of the Effects of Reference Rate Reform on Financial Reporting," which was issued in response to concerns about structural risks of interbank offered rates, and, particularly, the risk of cessation of the London Interbank Offered Rate. The guidance is effective upon issuance and may be adopted on any date on or after March 12, 2020. However, the relief is temporary and generally cannot be applied to contract modifications that occur after December 31, 2022 or hedging relationships entered into or evaluated after that date. The Company is currently evaluating the expected impact of this standard.

No other recently issued ASUs are expected to have a material impact on our results of operations, financial condition or liquidity.

NOTE3 - Revenue

We disaggregate our revenue by product line and geographic region of our customer, as we believe these metrics best depict how the nature, amount, timing and uncertainty of our revenues and cash flows are affected by economic factors. See details in the tables below.

		Three Months Ended September 30,				Nine Months Ended		
		2021		2020		2021	2	
PRODUCT LINE				(In	millions)			
Supply Technologies	\$	134.5	\$	112.1	\$	406.2	\$	
Engineered specialty fasteners and other products	Ψ	19.5		19.9	Ψ	60.5	Ψ	
Supply Technologies Segment		154.0		132.0		466.7		
Supply Technologies segment		154.0		132.0		400.7		
Fuel, rubber and plastic products		80.8	}	86.8		238.2		
Aluminum products		39.4	1	40.1		117.5		
Assembly Components Segment		120.2	!	126.9		355.7		
Industrial equipment		62.0		56.2		179.9		
Forged and machined products		22.3		25.1		65.8		
Engineered Products Segment		84.3		81.3		245.7		
Total revenues	\$	358.5	\$	340.2	\$	1,068.1	\$	
		upply	Δ556	embly	Fngi	neered		
	Technologie	s Segment	Components	Segment	Products S		Total Re	
Three Months Ended September 30, 2021				(In mi	illions)			
GEOGRAPHIC REGION								
United States	\$	92.5	\$	77.9	\$	46.4	\$	
	Ψ	27.9	Ψ		Ψ	10.1		
Filmone		2.19		3.4		14.8		
Europe Asia				3.4 6.6		14.8 12.0		
Asia Mexico		14.7 15.6		3.4 6.6 17.8		14.8 12.0 5.0		
Asia		14.7 15.6		6.6 17.8		12.0 5.0		
Asia Mexico		14.7		6.6		12.0		
Asia Mexico Canada	\$	14.7 15.6 2.9	\$	6.6 17.8 14.1	\$	12.0 5.0 3.5	\$	
Asia Mexico Canada Other Total	<u> \$ </u>	14.7 15.6 2.9 0.4	\$	6.6 17.8 14.1 0.4	\$	12.0 5.0 3.5 2.6		
Asia Mexico Canada Other Total Three Months Ended September 30, 2020	<u> \$ </u>	14.7 15.6 2.9 0.4	\$	6.6 17.8 14.1 0.4	\$	12.0 5.0 3.5 2.6		
Asia Mexico Canada Other Total Three Months Ended September 30, 2020 GEOGRA PHIC REGION		14.7 15.6 2.9 0.4 154.0		6.6 17.8 14.1 0.4 120.2		12.0 5.0 3.5 2.6 84.3	\$	
Asia Mexico Canada Other Total Three Months Ended September 30, 2020 GEOGRAPHIC REGION United States	<u> </u>	14.7 15.6 2.9 0.4 154.0	\$	6.6 17.8 14.1 0.4 120.2	\$	12.0 5.0 3.5 2.6 84.3		
Asia Mexico Canada Other Total Three Months Ended September 30, 2020 GEOGRAPHIC REGION United States Europe		14.7 15.6 2.9 0.4 154.0		6.6 17.8 14.1 0.4 120.2 86.1 3.8		12.0 5.0 3.5 2.6 84.3 43.0 16.1	\$	
Asia Mexico Canada Other Total Three Months Ended September 30, 2020 GEOGRAPHIC REGION United States Europe Asia		14.7 15.6 2.9 0.4 154.0 77.0 21.6 10.3		6.6 17.8 14.1 0.4 120.2 86.1 3.8 9.1		12.0 5.0 3.5 2.6 84.3 43.0 16.1 12.6	\$	
Asia Mexico Canada Other Total Three Months Ended September 30, 2020 EEOGRAPHIC REGION United States Europe Asia Mexico		14.7 15.6 2.9 0.4 154.0 77.0 21.6 10.3 20.5		6.6 17.8 14.1 0.4 120.2 86.1 3.8 9.1 10.0		12.0 5.0 3.5 2.6 84.3 43.0 16.1 12.6 2.0	\$	
Asia Mexico Canada Other Total Three Months Ended September 30, 2020 EOGRAPHIC REGION United States Europe Asia Mexico Canada		14.7 15.6 2.9 0.4 154.0 77.0 21.6 10.3 20.5 2.5		86.1 3.8 9.1 10.0 17.4		12.0 5.0 3.5 2.6 84.3 43.0 16.1 12.6 2.0 6.0	\$	
Asia Mexico Canada Other Total Three Months Ended September 30, 2020 EOGRAPHIC REGION United States Europe Asia Mexico		14.7 15.6 2.9 0.4 154.0 77.0 21.6 10.3 20.5		6.6 17.8 14.1 0.4 120.2 86.1 3.8 9.1 10.0		12.0 5.0 3.5 2.6 84.3 43.0 16.1 12.6 2.0	\$	

	Technolog	Supply gies Segment	A Componen	ssembly ts Segment	Products	Engineered Products Segment		Reven
Nine Months Ended September 30, 2021				(In n	nillions)			
GEOGRAPHIC REGION								
United States	\$	281.4	\$	241.8	\$	126.7	\$	(
Europe		84.7		10.7		46.3		:
Asia		42.4		19.0		38.5		
Mexico		48.2		38.6		13.4		
Canada		8.6		44.3		12.5		
Other		1.4		1.3		8.3		
Total	\$	466.7	\$	355.7	\$	245.7	\$	1,0
Nine Months Ended September 30, 2020								
GEOGRAPHIC REGION								
United States	\$	228.3	\$	212.9	\$	141.7	\$:
Europe		59.3		10.2		42.4		:
Asia		31.5		19.8		46.1		
Mexico		40.0		23.8		5.5		
Canada		7.0		42.3		15.1		
Other		1.1		1.0		6.8		
Total	\$	367.2	\$	310.0	\$	257.6	\$	ç

For over time arrangements, contract liabilities primarily relate to advances or deposits received from the Company's customers before revenue is recognized. These amounts, which totaled \$38.6 million and \$37.4 million at September 30, 2021 and December 31, 2020, respectively, are recorded in Accrued expenses and other in the Condensed Consolidated Balance Sheets.

For over time arrangements, contract assets primarily relate to revenue recognized in advance of billings to customers under long-term contracts accounted for under percentage of completion. These amounts, which totaled \$50.0 million and \$56.9 million at September 30, 2021 and December 31, 2020, respectively, are recorded in Prepaid and other current assets in the Condensed Consolidated Balance Sheets.

NOTE 4 — Segments

Our operating segments are defined as components of the enterprise for which separate financial information is available and evaluated on a regular basis by our chief operating decision maker to allocate resources and assess performance.

For purposes of measuring business segment performance, the Company utilizes segment operating income, which is defined as revenues less expenses identifiable to the product lines within each segment. The Company does not allocate items that are non-operating; unusual in nature; or corporate costs, which include but are not limited to executive and share-based compensation and corporate office costs. Segment operating income reconciles to consolidated income before income taxes by deducting corporate costs; Other components of pension income and other postretirement benefits expense, net; and interest expense, net.

Results by business segment were as follows:

	Thre	ee Months End	led September 30,	Nine Months En	Nine Months Ended September 30,			
		2021	2020	2021		2020		
			(In m	illions)				
Net sales:								
Supply Technologies	\$	154.0	\$ 132.0	\$ 466.7	\$	367.2		
Assembly Components		120.2	126.9	355.7		310.0		
Engineered Products		84.3	81.3	245.7		257.6		
	\$	358.5	\$ 340.2	\$ 1,068.1	\$	934.8		
Segment operating income (loss):								
Supply Technologies	\$	10.7	\$ 10.6	\$ 33.2	\$	20.1		
Assembly Components		(8.9)	6.7	(8.6)		(1.6)		
Engineered Products		0.6	1.3	(1.3)		4.3		
Total segment operating income		2.4	18.6	23.3		22.8		
Corporate costs		(7.4)	(7.6)	(19.4)		(19.7)		
Operating (loss) income		(5.0)	11.0	3.9		3.1		
Other components of pension income and other postretirement benefits expense, net		2.4	1.9	7.3		5.5		
Interest expense, net		(7.6)	(7.4)	(22.4)		(22.9)		
(Loss) income before income taxes	\$	(10.2)	\$ 5.5	\$ (11.2)	\$	(14.3)		

NOTE 5 — Plant Closure and Consolidation

In the three and nine months ended September 30, 2021, the Company recorded expenses totaling \$1.8 million and \$3.1 million, respectively, in its Assembly Components segment. These charges were recorded in connection with actions taken to close and consolidate its extrusion operations in Tennessee and its fuel operations in Michigan, and to complete other cost-reduction actions in this segment. In the three and nine months ended September 30, 2021, the expenses included facility-related costs of \$1.8 million and \$2.8 million, respectively, which were included in cost of sales in the Condensed Consolidated Statements of Operations. For the nine months ended September 30, 2021, expenses also included severance costs of \$0.3 million, which were included in selling, general and administrative expenses in the Condensed Consolidated Statements of Operations. The Company expects to incur additional moving and other facility-related costs related to these initiatives of approximately \$1.9 million in the fourth quarter of 2021.

In the three and nine months ended September 30, 2021, the Company recorded expenses related to plant closure and consolidation in its Engineered Products segment totaling \$0.6 million and \$1.9 million, respectively, which are included in selling, general and administrative expenses in the Condensed Consolidated Statements of Operations. The Company expects to incur additional costs related to these initiatives of approximately \$1.6 million in the fourth quarter of 2021.

During the third quarter of 2021, in connection with the plant closure and consolidation activities in its Engineered Products segment, the Company committed to a plan to sell real estate at two operating locations. The Company determined that these assets met the criteria to be classified as held for sale during the third quarter and, therefore, the aggregate carrying value of approximately \$4.9 million is included in assets held for sale and presented in Prepaid and other current assets in the Condensed Consolidated Balance Sheet at September 30, 2021. The Company believes that the fair value less costs to sell of these assets exceeds their respective carrying values.

NOTE 6 — Acquisition

On April 1, 2021, the Company acquired NYK Component Solutions Limited ("NYK") for \$5.4 million in cash, net of cash acquired, plus estimated contingent consideration of up to an additional \$1.8 million. NYK, which is included in our Supply Technologies segment, is headquartered in Southampton, United Kingdom and is a leading distributor of circular connectors and accessories for use in aerospace, defense, and other industrial applications. NYK provides complementary products to our existing products in Supply Technologies.

The allocation of the purchase price of NYK is subject to finalization of the Company's determination of the fair values of the assets acquired and the liabilities assumed as of the acquisition date, and could be materially different than the estimates presented below. The Company has not yet completed its analysis of the fair value of the intangible assets or the contingent consideration. The final allocation is expected to be completed in the fourth quarter of 2021, but no later than one year after the acquisition date. Below is the estimated purchase price allocation related to the acquisition of NYK; the total purchase price is net of cash acquired and includes estimated contingent consideration of \$1.8 million.

	(In mil	llions)
Accounts receivable	\$	1.0
Inventories		2.2
Accounts payable and accrued expenses		(1.0)
Property, plant and equipment		0.1
Other, net		0.1
Intangible assets		2.8
Goodwill		2.5
Deferred income tax liability		(0.5)
Total purchase price (including the estimated contingent consideration of \$1.8 million)	\$	7.2

NOTE 7 — Inventories

Inventories, net consist of the following:

	Septer	September 30, 2021		December 31, 2020		
		(In millions)				
Raw materials and supplies	\$	120.0	\$	93.8		
Work-in-process		50.1		44.0		
Finished goods		216.3		173.1		
Inventories, net	\$	386.4	\$	310.9		

NOTE 8 — Accrued Warranty Costs

The Company estimates warranty claims that may be incurred based on current and historical data of products sold. Actual warranty expense could differ from the estimates made by the Company based on product performance. The following table presents changes in the Company's product warranty liability for the three and nine months ended September 30, 2021 and 2020:

	Th	ree Months End	led September 30,	Nine Months Ended September 30,			
		2021	2020	2021	2020		
		(In millions)					
eginning balance	\$	7.6	\$ 6.5	\$ 6.4	\$ 6.4		
Claims paid		(0.4)	(0.5)	(1.6)	(1.1)		
Warranty expense		0.1	0.3	2.5	1.0		
Ending balance	\$	7.3	\$ 6.3	\$ 7.3	\$ 6.3		

NOTE 9 — Income Taxes

The Company's tax provision for interim periods is determined using an estimate of its annual effective rate, adjusted for discrete items, if any, in each period.

On March 27, 2020, the President of the United States signed the Coronavirus Aid, Relief, and Economic Security ("CARES") Act, a substantial tax-and-spending package intended to provide additional economic stimulus to address the impact of the COVID-19 pandemic. Significant impacts of the CARES Act include the ability to carry back a net operating loss for five years and an increase of the Internal Revenue Code Section 163(j) interest expense disallowance limitations from 30% to 50% of adjusted taxable income, which will allow the Company to deduct additional interest expense for the 2019 and 2020 tax years. The Company is assessing the potential impact of global relief packages and the CARES Act.

Income tax benefit for the three months ended September 30, 2021 was \$2.8 million, representing an effective rate of 27%, compared to income tax expense of \$0.3 million, or 5%, for the three months ended September 30, 2020. The rate in the 2021 period is higher than the U.S. statutory rate of 21% due primarily to the additional tax benefit recorded as result of stock compensation that vested and state and local taxes during the quarter. The rate in the 2020 period is lower than the U.S. statutory rate of 21% due primarily to a U.S. net operating loss carryback to a prior year under the CARES Act, a tax benefit from the favorable impact of final Global Intangible Low-Taxed Income ("GILTI") regulations and a decrease in our Transition Tax liability.

Income tax benefit for the nine months ended September 30, 2021 was \$3.7 million, representing an effective rate of 33%, compared to \$3.8 million, or 27%, for the nine months ended September 30, 2020. The rate in the 2021 period is higher than the U.S. statutory rate of 21% due primarily to the additional benefit recorded as result of the net operating loss carryback claim under the CARES Act and the composition of earnings. The rate in the 2020 period is higher than the U.S. statutory rate due to the impact of earnings in foreign jurisdictions with statutory income tax rates higher than the U.S. rate.

NOTE 10 — Financing Arrangements

Debt consists of the following:

			Carrying	Carrying Value at			
_	Maturity Date	Interest Rate at September 30, 2021	September 30, 2021	December 31, 2020			
			(In mi	llions)			
Senior Notes	April 15, 2027	6.625 %	\$ 350.0	\$ 350.0			
Revolving credit facility	November 26, 2024	1.30 %	221.8	143.7			
Finance Leases	Various	Various	15.2	18.7			
Other	Various	Various	18.2	22.3			
Total debt			605.2	534.7			
Less current portion of long-term debt and short-term debt			(8.9)	(11.6)			
Less unamortized debt issuance costs			(4.2)	(5.3)			
Total long-term debt, net			\$ 592.1	\$ 517.8			

In 2018, Park-Ohio Industries, Inc. ("Park-Ohio"), the operating subsidiary of Park-Ohio Holdings Corp., entered into Amendment No. 1 to Seventh Amended and Restated Credit Agreement (the "Credit Agreement") with a group of banks to increase the availability under the revolving credit facility from \$350.0 million to \$375.0 million, the Canadian revolving subcommitment from \$25.0 million to \$30.0 million. Furthermore, Park-Ohio has the option, pursuant to the Credit Agreement, to increase the availability under the revolving credit facility by an aggregate incremental amount up to \$100.0 million. In 2019, Park-Ohio entered into Amendment No. 4 to the Credit Agreement, extending the maturity of the Credit Agreement to November 26, 2024.

We had outstanding bank guarantees and letters of credit under the Credit Agreement of approximately \$35.3 million at September 30, 2021 and \$34.9 million at December 31, 2020.

In 2017, Park-Ohio completed the issuance, in a private placement, of \$350.0 million aggregate principal amount of 6.625% Senior Notes due 2027 (the "Notes"). The Notes are unsecured senior obligations of Park-Ohio and are guaranteed on an unsecured senior basis by the 100% owned material domestic subsidiaries of Park-Ohio.

In 2016, the Company, through its subsidiary, IEGE Industrial Equipment Holding Company Limited, entered into a financing agreement with Banco Bilbao Vizcaya Argentaria, S.A. The financing agreement provides the Company a loan up to \$28.9 million as of September 30, 2021, as well as a revolving credit facility for up to \$11.6 million to fund working capital and general corporate needs. No amounts were outstanding under the loan agreement or the revolving credit facility as of September 30, 2021.

In 2015, the Company entered into a finance lease agreement (the "Lease Agreement"). The Lease Agreement provides the Company up to \$50.0 million for finance leases. Finance lease obligations of \$15.2 million were borrowed under the Lease Agreement to acquire machinery and equipment as of September 30, 2021.

In 2015, the Company, through its Southwest Steel Processing LLC subsidiary, entered into a financing agreement with the Arkansas Development Finance Authority which matures in September 2025. The financing agreement provides the Company the ability to borrow up to \$11.0 million for expansion of its manufacturing facility in Arkansas. The Company had \$6.1 million of borrowings outstanding under this agreement as of September 30, 2021, which is included in Other above.

The following table represents fair value information of the Notes, classified as Level 1 using estimated quoted market prices.

	_	September 30, 2021	December 31, 2020
		(In mi	illions)
Carrying amount	\$	350.0	\$ 350.0
Fair value	\$	351.3	\$ 361.8

NOTE 11 - Stock-Based Compensation

A summary of restricted share activity for the nine months ended September 30, 2021 is as follows:

	2021							
	Time-Ba	ised		Performance-Based				
	Weighted Average Grant Date Number of Shares Fair Value		Number of Shares	Weighted Av Grant Da res Fair Valu				
	(In whole shares)			(In whole shares)				
Outstanding - beginning of year	741,006	\$	22.02	50,000	\$	32.55		
Granted ^(a)	183,401		33.64	_		_		
Vested	(234,081)		22.47	_		_		
Canceled or expired	(7,917)		21.71	_		_		
Outstanding - end of period	682,409	\$	24.99	50,000	\$	32.55		

(a) - Included in this amount are 4,905 restricted share units.

Stock-based compensation is included in Selling, general and administrative expenses in the Condensed Consolidated Statements of Operations. Total stock-based compensation expense for the three months ended September 30, 2021 and 2020 was \$1.7 million and \$1.6 million, respectively. Total stock-based compensation expense for the nine months ended September 30, 2021 and 2020 was \$4.7 million and \$4.4 million, respectively. As of September 30, 2021, there was \$11.4 million of unrecognized compensation cost related to non-vested stock-based compensation, which cost is expected to be recognized over a weighted-average period of 2.0 years.

NOTE 12 — Commitments and Contingencies

The Company is subject to various pending and threatened legal proceedings arising in the ordinary course of business. The Company records a liability for loss contingencies in the consolidated financial statements when a loss is known or considered probable and the amount can be reasonably estimated. Our provisions are based on historical experience, current information and legal advice, and they may be adjusted in the future based on new developments. Estimating probable losses requires the analysis of multiple forecasted factors that often depend on judgments and potential actions by third parties. Although it is not possible to predict with certainty the ultimate outcome or cost of these matters, the Company believes they will not have a material adverse effect on our consolidated financial statements.

Our subsidiaries are involved in a number of contractual and warranty-related disputes. We believe that appropriate liabilities for these contingencies have been recorded; however, actual results may differ materially from our estimates.

In addition to the routine lawsuits and asserted claims noted above, we are also a co-defendant in approximately 124 cases asserting claims on behalf of approximately 228 plaintiffs alleging personal injury as a result of exposure to asbestos. In every asbestos case in which we are named as a party, the complaints are filed against multiple named defendants. Historically, we have been dismissed from asbestos cases. We intend to vigorously defend these cases and believe we will continue to be successful in being dismissed from such cases.

While it is not possible to predict the ultimate outcome of asbestos-related lawsuits, claims and proceedings due to the unpredictable nature of personal injury litigation, and although our results of operations and cash flows for a particular period could be adversely affected by asbestos-related lawsuits, claims and proceedings, management believes that the ultimate resolution of these matters will not have a material adverse effect on our financial condition, liquidity or results of operations.

NOTE 13 — Pension and Postretirement Benefits

The components of net periodic benefit (income) expense costs recognized for the three and nine months ended September 30, 2021 and 2020 were as follows:

	 Pension Benefits					Postretirement Benefits								
	 Three Months Ended September 30,				Nine Mon Septen			Three Months Ended September 30,				Nine Month Septembe		
	 2021		2020		2021	2020		2021		2020		2021	2020	
						(In mi	llions	s)						
Service costs	\$ 1.0	\$	1.0	\$	3.2	\$ 3.2	\$	_	\$	_	\$	— \$	_	
Interest costs	0.3		0.5		1.0	1.6		_		_		0.1	0.1	
Expected return on plan assets	(3.0)		(2.9)		(9.2)	(8.8)		_		_		_	_	
Recognized net actuarial loss	0.2		0.4		0.6	1.4		0.1		0.1		0.3	0.2	
Net periodic benefit (income) expense	\$ (1.5)	\$	(1.0)	\$	(4.4)	\$ (2.6)	\$	0.1	\$	0.1	\$	0.4 \$	0.3	

NOTE 14 — Accumulated Other Comprehensive (Loss) Income

The components of and changes in accumulated other comprehensive loss for the three and nine months ended September 30, 2021 and 2020 were as follows:

	Cumula Translat Adjustm	ion	Pension and Postretirement Benefits	Total		Cumulative Translation Adjustment	Pension and Postretirement Benefits	Total
					(In mil	lions)		
		Ihree Mo	onths Ended September	30, 2	021	Three M	Ionths Ended September	r 30, 2020
Beginning balance	\$	(11.0)	\$ (9.4)	\$	(20.4)	\$ (36.1)	\$ (13.7)	\$ (49.8)
Currency translation (a)		(5.5)	_		(5.5)	12.6	_	12.6
Pension and OPEB activity, net of tax		_	0.2		0.2	_	0.3	0.3
Ending balance	\$	(16.5)	\$ (9.2)	\$	(25.7)	\$ (23.5)	\$ (13.4)	\$ (36.9)
		Nine Mo	nths Ended September	30, 20	021	Nine M	onths Ended September	. 30, 2020
Beginning balance	\$	(8.3)	\$ (9.8)	\$	(18.1)	\$ (22.4)	\$ (14.6)	\$ (37.0)
Currency translation (a)		(8.2)	_		(8.2)	(1.1)	_	(1.1)
Pension and OPEB activity, net of tax		_	0.6		0.6	_	1.2	1.2
Ending balance	\$	(16.5)	\$ (9.2)	\$	(25.7)	\$ (23.5)	\$ (13.4)	\$ (36.9)

(a) No income taxes were provided on currency translation as foreign earnings are considered permanently reinvested.

NOTE 15 — Weighted-Average Number of Shares Used in Computing Earnings Per Share

The following table sets forth the weighted-average number of shares used in the computation of earnings per share:

	Three Months End	led September 30,	Nine Months Ended September 30,			
	2021	2020	2021	2020		
		(In mi	llions)			
Weighted-average basic shares outstanding	12.1	12.0	12.0	12.1		
Plus: Dilutive impact of employee stock awards	_	_	_	_		
Weighted-average diluted shares outstanding	12.1	12.0	12.0	12.1		

Certain restricted stock awards are anti-dilutive and therefore excluded from the computation of diluted earnings per share. Anti-dilutive shares were 0.2 million and 0.5 million for the three months ended September 30, 2021 and 2020, respectively. Anti-dilutive shares were 0.1 million and 0.3 million for the nine months ended September 30, 2021 and 2020, respectively.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Our condensed consolidated financial statements include the accounts of Park-Ohio Holdings Corp. and its subsidiaries (collectively, "we," "our," or the "Company"). All significant intercompany transactions have been eliminated in consolidation.

EXECUTIVE OVERVIEW

We are a diversified international company providing world-class customers with a supply chain management outsourcing service, capital equipment used on their production lines, and manufactured components used to assemble their products. We operate through three reportable segments: Supply Technologies, Assembly Components and Engineered Products

Supply Technologies provides our customers with Total Supply ManagementTM, a proactive solutions approach that manages the efficiencies of every aspect of supplying production parts and materials to our customers' manufacturing floor, from strategic planning to program implementation. Total Supply ManagementTM includes such services as engineering and design support, part usage and cost analysis, supplier selection, quality assurance, bar coding, product packaging and tracking, just-in-time and point-of-use delivery, electronic billing services and ongoing technical support. Our Supply Technologies business services customers in the following principal industries: heavy-duty truck; sports and recreational equipment; aerospace and defense; semiconductor equipment; electrical distribution and controls; consumer electronics; bus and coaches; automotive, agricultural and construction equipment; HVAC; lawn and garden; plumbing; and medical.

Assembly Components manufactures products oriented towards fuel efficiency and reduced emission standards. Assembly Components designs, develops and manufactures aluminum products and highly efficient, high pressure direct fuel injection fuel rails and pipes; fuel filler pipes that route fuel from the gas cap to the gas tank; flexible multi-layer plastic and rubber assemblies used to transport fuel from the vehicle's gas tank and then, at extreme high pressure, to the engine's fuel injector nozzles. Our product offerings include gasoline direct injection systems and fuel filler assemblies, and industrial hose and injected molded rubber and plastic components. Additional products include cast and machined aluminum engine, transmission, brake, suspension and other components, such as pump housings, clutch retainers/pistons, control arms, knuckles, master cylinders, pinion housings, brake calipers, oil pans and flywheel spacers. Our products are primarily used in the following industries: automotive, including automotive and light-vehicle; agricultural equipment; construction equipment; heavy-duty truck; and marine original equipment manufacturers ("OEMs"), on a sole-source basis.

Engineered Products operates a diverse group of niche manufacturing businesses that design and manufacture a broad range of highly-engineered products, including induction heating and melting systems, pipe threading systems and forged and machined products. Engineered Products also produces and provides services and spare parts for the equipment it manufactures. The principal customers of Engineered Products are OEMs, sub-assemblers and end users in the following industries: ferrous and non-ferrous metals; silicon; coatings; forging; foundry; heavy-duty truck; construction equipment; automotive; oil and gas; locomotive and rail manufacturing; and aerospace and defense.

Sales and operating income for these three segments are provided in Note 4 to the condensed consolidated financial statements, included elsewhere herein.

COVID-19 Pandemic

In March 2020, the World Health Organization categorized the novel coronavirus ("COVID-19") as a pandemic, and it spread throughout the United States and other countries around the world. The pandemic has negatively impacted several of the markets we serve, as well as contributed to a global semiconductor micro-chip shortage, raw material price inflation, higher labor costs and various supply chain constraints, including supplier delays that caused extended lead times and increasing freight costs. In response to the ongoing COVID-19 pandemic, we continue to manage our operating costs, including through actions to reduce costs, including plant consolidation, severance, and discretionary spending cuts, and we are taking aggressive actions to improve results in response to these macroeconomic conditions. We also continue to manage both working capital and capital spending. Although there continues to be uncertainty related to the anticipated impact and duration of the COVID-19 pandemic on our future results, we believe our diversified portfolio of global businesses, our liquidity position of

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\$218.0 million as of September 30, 2021, and the steps we have taken in both 2020 and 2021 to reduce costs leave us well-positioned to manage our business through this crisis as it continues to unfold.

RESULTS OF OPERATIONS

Three Months Ended September 30, 2021 Compared with Three Months Ended September 30, 2020

	Th	ree Months End	led Se	eptember 30,				
	2021			2020	\$	Change	% Change	
		(Dol	lars i	n millions, exce	ept per share data)			
Net sales	\$	358.5	\$	340.2	\$	18.3	5.4 %	
Cost of sales		318.4		290.5		27.9	9.6 %	
Gross profit		40.1		49.7		(9.6)	(19.3)%	
Gross margin		11.2 %		14.6 %				
Selling, general and administrative ("SG&A") expenses		45.1		38.7		6.4	16.5 %	
SG&A expenses as a percentage of net sales		12.6 %		11.4 %				
Operating (loss) income		(5.0)		11.0		(16.0)	*	
Other components of pension income and other postretirement benefits expense, net		2.4		1.9		0.5	26.3 %	
Interest expense, net		(7.6)		(7.4)		(0.2)	2.7 %	
(Loss) income before income taxes		(10.2)		5.5		(15.7)	*	
Income tax benefit (expense)		2.8		(0.3)		3.1	*	
Net (loss) income		(7.4)		5.2		(12.6)	*	
Net loss attributable to noncontrolling interest		0.2		0.1		0.1	100.0 %	
Net (loss) income attributable to Park-Ohio Holdings Corp. common shareholders	\$	(7.2)	\$	5.3	\$	(12.5)	*	
(Loss) income per common share attributable to Park-Ohio Holdings Corp. common shareholders:								
Basic	\$	(0.60)	\$	0.44	\$	(1.04)	*	
Diluted	\$	(0.60)	\$	0.44	\$	(1.04)	*	

^{*}Calculation not meaningful

Net Sales

Net sales increased 5.4% to \$358.5 million in the third quarter of 2021 compared to \$340.2 million in the same period in 2020. This increase was primarily due to higher customer demand across our Supply Technologies and Engineered Products segments, partially offset by lower sales levels in our Assembly Components segment due to the ongoing global semiconductor micro-chip shortage.

The factors explaining the changes in segment net sales for the three months ended September 30, 2021 compared to the corresponding 2020 period are contained within the "Segment Results" section below.

Cost of Sales & Gross Profit

Cost of sales increased 9.6% to \$318.4 million in the third quarter of 2021 compared to \$290.5 million in the same period in 2020. The increase in cost of sales was primarily due to the increase in net sales for the 2021 period compared to the corresponding period in 2020, as well as the factors listed below that impacted gross margin.

Gross margin was 11.2% in the third quarter of 2021 compared to 14.6% in the same period in 2020. The lower margin in the 2021 period compared to a year ago was due to the negative impact of the global semiconductor micro-chip shortage, raw material price inflation, higher labor costs and various supply chain constraints, including supplier delays that caused extended lead times and increasing freight costs, and manufacturing under-absorption of fixed costs at certain plants. The third quarter of 2021 included expenses of \$1.8 million related to plant closure and consolidation actions. The third quarter of 2020 included charges of \$1.3 million related to plant closure and consolidation, severance and other actions to reduce costs.

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SG&A Expenses

SG&A expenses increased to \$45.1 million in the third quarter of 2021 compared to \$38.7 million in the comparable period in 2020, an increase of 16.5%. In response to significantly lower demand levels caused by the COVID-19 pandemic in the 2020 third quarter, the Company took immediate actions in many of its operations to reduce costs, including workforce furloughs, permanent headcount reductions, salary and incentive compensation reductions, and cuts in discretionary spending. As demand levels increased in 2021, a portion of the SG&A expense reduction from 2020 was restored to meet the increasing demand. SG&A expenses in the 2021 period also included \$2.5 million of charges related to plant closure and consolidation and other costs. The third quarter of 2020 included charges of \$0.5 million related to plant closure and consolidation, severance and other actions to reduce costs.

Other Components of Pension Income and Other Postretirement Benefits Expense ("OPEB"), Net

Other components of pension income and OPEB expense, net was \$2.4 million in the three months ended September 30, 2021 compared to \$1.9 million in the corresponding period in 2020. This increase in the 2021 period relates to higher returns on plan assets in the 2021 period compared to the same period a year ago.

Interest Expense, Net

Interest expense, net was \$7.6 million in the third quarter of 2021 compared to \$7.4 million in the 2020 period. The increase was due to higher average outstanding borrowings during the 2021 period.

Income Tax Benefit

Income tax benefit for the three months ended September 30, 2021 was \$2.8 million, representing an effective rate of 27%, compared to income tax expense \$0.3 million, or 5%, for the three months ended September 30, 2020. The rate in the 2021 period is higher than the U.S. statutory rate of 21% due primarily to the additional tax benefit recorded as result of stock compensation that vested and state and local taxes during the quarter. The rate in the 2020 period is lower than the U.S. statutory rate of 21% due primarily to a U.S. net operating loss carryback to a prior year under the CARES Act, a tax benefit from the favorable impact of final Global Intangible Low-Taxed Income ("GILTI") regulations and a decrease in our Transition Tax liability.

RESULTS OF OPERATIONS

Nine Months Ended September 30, 2021 Compared with Nine Months Ended September 30, 2020

	N	ine Months Ended	d September 30,	_			
	2021		2020	\$ Change	%Change		
		(Dolla	ars in millions, exce	pt per share data)	ot per share data)		
Net sales	\$	1,068.1	\$ 934.8	\$ 133.3	14.3 %		
Cost of sales		936.1	817.0	119.1	14.6 %		
Gross profit		132.0	117.8	14.2	12.1 %		
Gross margin		12.4 %	12.6 %	i			
SG&A expenses		128.1	114.7	13.4	11.7 %		
SG&A expenses as a percentage of net sales		12.0 %	12.3 %	;			
Operating income		3.9	3.1	0.8	25.8 %		
Other components of pension income and other postretirement benefits expense, net		7.3	5.5	1.8	32.7 %		
Interest expense, net		(22.4)	(22.9)	0.5	(2.2)%		
Loss before income taxes		(11.2)	(14.3)	3.1	(21.7)%		
Income tax benefit		3.7	3.8	(0.1)	(2.6)%		
Net loss		(7.5)	(10.5)	3.0	(28.6)%		
Net loss attributable to noncontrolling interests		0.5	0.4	0.1	25.0 %		
Net loss attributable to Park-Ohio Holdings Corp. common shareholders	\$	(7.0)	\$ (10.1)	\$ 3.1	(30.7)%		
				. —			
Loss per common share attributable to Park-Ohio Holdings Corp. common shareholders:							
Basic	\$	(0.58)	\$ (0.83)	\$ 0.25	(30.1)%		
Diluted	\$	(0.58)	\$ (0.83)	\$ 0.25	(30.1)%		

Net Sales

Net sales increased 14.3% to \$1,068.1 million in the first nine months of 2021 compared to \$934.8 million in the same period in 2020. This increase was primarily due to higher customer demand in our Supply Technologies and Assembly Components business segments, partially offset by lower demand in our Engineered Products segment.

The factors explaining the changes in segment net sales for the nine months ended September 30, 2021 compared to the corresponding 2020 period are contained in the "Segment Results" section below.

Cost of Sales & Gross Profit

Cost of sales increased 14.6% to \$936.1 million in the first nine months of 2021 compared to \$817.0 million in the same period in 2020. The increase in cost of sales was primarily due to the increase in net sales described above.

Gross margin was 12.4% in the first nine months of 2021 compared to 12.6% in the corresponding period in 2020. The 2021 period included expenses of \$2.9 million related to plant closure and consolidation, severance and other actions to reduce

costs. The 2020 period included charges of \$4.1 million related to plant closure and consolidation, severance and other actions to reduce costs.

SG&A Expenses

SG&A expenses were \$128.1 million in the first nine months of 2021, compared to \$114.7 million in the same period in 2020, an increase of 11.7%. In response to significantly lower demand levels caused by the pandemic in 2020, the Company took immediate actions in many of its operations to reduce costs, including workforce furloughs, permanent headcount reductions, salary and incentive compensation reductions, and cuts in discretionary spending. As demand levels increased in 2021, a portion of the SG&A expense reduction from 2020 was restored to meet the increasing demand. SG&A expenses in the 2021 period included \$4.1 million of charges related to plant closure and consolidation, severance and other costs and \$0.4 million of acquisition related expenses. SG&A expenses in the 2020 period included severance and other charges of \$1.5 million. As a percentage of net sales, SG&A expenses improved to 12.0% in the 2021 period compared to 12.3% in the 2020 period, as a fixed portion of SG&A expenses were spread over a higher revenue base.

Other Components of Pension Income and OPEB, Net

Other components of pension income and OPEB expense, net was \$7.3 million in the first nine months of 2021 compared to \$5.5 million in the corresponding period in 2020. This increase was driven by higher returns on plan assets and lower interest costs in the 2021 period compared to the same period a year ago.

Interest Expense, Net

Interest expense, net was \$22.4 million in the first nine months of 2021 compared to \$22.9 million in the 2020 period. The decrease was due primarily to lower interest rates in the 2021 period compared to the same period a year ago.

Income Tax Benefit

Income tax benefit for the nine months ended September 30, 2021 was \$3.7 million, representing an effective rate of 33%, compared to \$3.8 million, or 27%, for the nine months ended September 30, 2020. The rate in the 2021 period is higher than the U.S. statutory rate of 21% due primarily to the additional benefit recorded as result of the net operating loss carryback claim under the CARES Act and the composition of earnings. The rate in the 2020 period is higher than the U.S. statutory rate due to the impact of earnings in foreign jurisdictions with statutory income tax rates higher than the U.S. rate.

SEGMENT RESULTS

For purposes of business segment performance measurement, the Company utilizes segment operating income, which is defined as revenues less expenses identifiable to the product lines within each segment. The Company does not allocate items that are non-operating or unusual in nature or are corporate costs, which include but are not limited to executive and share-based compensation and corporate office costs.

Supply Technologies Segment

	 Three Months Ended September 30, Nine Months Er				ded September 30,		
	 2021		2020		2021		2020
			(Dollars i	n milli	ions)		
Net sales	\$ 154.0	\$	132.0	\$	466.7	\$	367.2
Segment operating income	\$ 10.7	\$	10.6	\$	33.2	\$	20.1
Segment operating income margin	6.9 %)	8.0 %		7.1 %		5.5 %

Three months ended September 30:

Net sales increased 16.7% in the three months ended September 30, 2021 compared to the 2020 period due primarily to higher customer demand in substantially all of the Company's end markets, with the largest increases in heavy-duty truck, semiconductor, and agricultural and industrial equipment. As a result of the COVID-19 pandemic, customer demand in 2020 was down significantly in most of our key end markets.

Segment operating income increased by \$0.1 million and segment operating income margin decreased 110 basis points in the 2021 period compared to the same period a year ago. The decrease in margin was driven by higher freight costs in the 2021 period as a result of global supply chain constraints and a labor strike at a major truck assembly plant, partially offset by the benefit of cost-reduction actions.

Nine months ended September 30:

Net sales increased 27.1% in the nine months ended September 30, 2021 compared to the 2020 period due primarily to higher customer demand in most of the Company's end markets, with the biggest increases in heavy-duty truck, powersports, agricultural and industrial equipment, and semiconductor. As a result of the COVID-19 pandemic, customer demand in 2020 was down significantly in most of our key end markets.

Segment operating income increased by \$13.1 million and segment operating income margin was up 160 basis points in the 2021 period compared to the same period a year ago. These net increases were driven by increased sales, the impact of cost reduction actions, the impact of pricing initiatives and favorable product mix. These positive factors were partially offset by higher freight costs in the 2021 period as a result of global supply chain constraints and a labor strike at a major truck assembly plant.

Assembly Components Segment

	Three Months Ended September 30,				Nine Months Ended September 30,			
	 2021		2020		2021		2020	
			(Dollars i	n mill	ions)			
Net sales	\$ 120.2	\$	126.9	\$	355.7	\$	310.0	
Segment operating (loss) income	\$ (8.9)	\$	6.7	\$	(8.6)	\$	(1.6)	
Segment operating (loss) income margin	(7.4)%		5.3 %		(2.4)%		(0.5)%	

Three months ended September 30:

Net sales decreased 5.2% in the three months ended September 30, 2021 compared to the 2020 period due primarily to the impact of the global semiconductor micro-chip shortage that continued in the third quarter 2021, which negatively impacted net sales in the quarterly period by approximately \$13.1 million.

Segment operating loss was \$8.9 million in the 2021 period compared to segment operating income of \$6.7 million in the 2020 period. The loss in the 2021 period was driven by the negative impacts of the global semiconductor micro-chip shortage; raw material price inflation; higher labor costs and various supply chain constraints, including supplier delays that caused extended lead times and increasing freight costs; and charges of \$3.4 million related to plant closure and consolidation activities and other costs. Income in the 2020 period included charges related to plant closure and consolidation were \$1.4 million.

Nine months ended September 30:

Net sales increased 14.7% in the nine months ended September 30, 2021 compared to the 2020 period due primarily to the shut-down of North American automotive production in the second quarter of 2020 as a result of the COVID-19 pandemic, partially offset the impact of the global semiconductor micro-chip shortage, which negatively impacted net sales in the 2021 year-to-date period.

Segment operating income in the 2021 period decreased by \$7.0 million, and segment operating income margin decreased 190 basis points compared to the 2020 period. The loss in the 2021 period was driven by the factors listed above under the three-month discussion. In the 2021 period, charges related to plant closure and consolidation and other costs were \$4.8 million. The loss in the 2020 period was driven by lower sales as a result of the COVID-19 pandemic and charges related to plant closure and consolidation were \$3.7 million.

Engineered Products Segment

	 Three Months Ended September 30,				Nine Months Ended September 30,			
	 2021 2020			2021	2020			
	 (Dollars in millions)							
Net sales	\$ 84.3	\$	81.3	\$	245.7 \$	257.6		
Segment operating income (loss)	\$ 0.6	\$	1.3	\$	(1.3) \$	4.3		
Segment operating income (loss) margin	0.7 %	,	1.6 %		(0.5)%	1.7 %		

Three months ended September 30:

Net sales were 3.7% higher in the 2021 period compared to the 2020 period. The increase was due to stronger demand in the 2021 period for our capital equipment products, partially offset by lower customer demand in certain end markets in our forged and machined products business, including oil and gas, aerospace, rail and agriculture, which continue to be slow to recover from the pandemic.

Segment operating income in the 2021 period decreased \$0.7 million and segment operating income decreased by 90 basis points compared to the corresponding 2020 period. These decreases were the result of manufacturing under-absorption of fixed costs at certain plants and charges of \$0.6 million in 2021 related to plant closure and consolidation. Charges related to plant closure and consolidation in the 2020 period were \$0.4 million.

Nine months ended September 30:

Net sales were 4.6% lower in the 2021 period compared to the 2020 period. The decrease was due to lower demand in certain end markets in our forged and machined products business which continue to be slow to recover from the pandemic, partially offset by stronger demand in the 2021 period for our capital equipment products

Segment operating loss was \$1.3 million in the 2021 period compared to segment operating income of \$4.3 million in the 2020 period. This decrease in profitability of \$5.6 million was due to the lower sales levels, manufacturing under-absorption of fixed costs at certain plants, and charges of \$1.9 million related to plant closure and consolidation activities in the 2021 period. Charges related to plant closure and consolidation in the 2020 period were \$0.7 million.

Liquidity and Capital Resources

The following table summarizes the major components of cash flow:

	Nine Months Ended September 30,				
	2021 2020			2020	\$ Change
Net cash (used) provided by:			(In 1	millions)	
Operating activities	\$	(25.9)	\$	32.8	\$
Investing activities		(30.3)		(13.5)	
Financing activities		62.0		(24.1)	
Effect of exchange rate changes on cash		(1.2)		(0.3)	
Increase (decrease) in cash and cash equivalents	\$	4.6	\$	(5.1)	\$

Operating Activities

Cash generated by operating activities in the 2021 period was lower than in the prior year period driven by higher working capital usage in the nine months ended September 30, 2021 compared to the same period a year ago. In the 2021 period, working capital usage was \$45.1 million, compared to working capital reduction in the 2020 period of \$12.8 million. Higher inventories were the main driver of our higher working capital in 2021. In the 2021 nine-month period, we utilized cash of \$74.7 million to increase inventories, driven by higher raw material prices and increased inventory levels in certain businesses and locations in response to global supply chain constraints, and various facility closures and consolidations. Working capital usage was partially offset by a lower net loss in the 2021 period compared to the 2020 period.

Investing Activities

Capital expenditures were \$24.9 million in the nine months ended September 30, 2021 and were primarily to provide increased capacity for future growth in our Assembly Components segment and to maintain existing operations. During the nine months ended September 30, 2021, the Company also acquired NYK Component Solutions Limited ("NYK") for \$5.4 million, net of cash acquired. Capital expenditures of \$14.9 million in the 2020 period were lower than in the 2021 period, as we aggressively managed capital spending in 2020 in response to the pandemic.

Financing Activities

During the nine months ended September 30, 2021, we had net debt borrowings of \$71.8 million compared to repayments of \$14.6 million in the 2020 period. The increased borrowings in the 2021 period were used to fund our higher working capital levels and the acquisition of NYK. In addition, in the nine months ended September 30, 2021, we made three cash dividend payments to shareholders totaling \$4.7 million, whereas in the 2020 period, we only made one cash dividend payment totaling \$1.6 million, as our dividend was temporarily suspended in the second quarter of 2020 in response to the COVID-19 pandemic. In the 2021 and 2020 periods, the Company repurchased treasury shares totaling \$2.5 million and \$7.2 million, respectively.

We do not have off-balance sheet arrangements, financing or other relationships with unconsolidated entities or other persons, other than the letters of credits disclosed in Note 10 to the condensed consolidated financial statements, included elsewhere herein.

Liquidity

Our liquidity needs are primarily for working capital, capital expenditures, dividends and acquisitions. Our primary sources of liquidity have been funds provided by operations, funds available from existing bank credit arrangements and the sale of our debt securities. Our existing financial resources (working capital and available bank borrowing arrangements) and anticipated cash flow from operations are expected to be adequate to meet anticipated cash requirements for at least the next

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twelve months, including but not limited to our ability to maintain current operations and fund capital expenditure requirements, service our debt, pay dividends, pursue acquisitions, and repurchase common shares.

As of September 30, 2021, we had total liquidity of \$218.0 million, which included \$158.4 million of unused borrowing availability and cash and cash equivalents of \$59.6 million.

The Company had cash and cash equivalents held by foreign subsidiaries of \$49.3 million at September 30, 2021 and \$44.7 million at December 31, 2020. We do not expect restrictions on repatriation of cash held outside the U.S. to have a material effect on our overall liquidity, financial condition or results of operations for the foreseeable future.

The Company has two components to its assertion regarding reinvestment of foreign earnings outside of the United States. First, for all foreign subsidiaries except RB&W Corporation of Canada ("RB&W"), all earnings are permanently reinvested outside of the United States. Second, for RB&W, dividend distributions may be made, but only to the extent of current earnings in excess of cash required to fund its business operations; all accumulated earnings are permanently reinvested.

Senior Notes

In April 2017, Park-Ohio Industries, Inc. ("Park-Ohio"), the operating subsidiary of Park-Ohio Holdings Corp., completed the sale, in a private placement, of \$350.0 million aggregate principal amount of 6.625% Senior Notes due 2027 (the "Notes"). The net proceeds from the issuance of the Notes were used to repay in full our previously outstanding 8.125% Senior Notes due 2021 and our outstanding term loan, and to repay a portion of the borrowings then outstanding under our revolving credit facility.

Credit Agreement

In June 2018, Park-Ohio entered into Amendment No. 1 to its Seventh Amended and Restated Credit Agreement (the "Credit Agreement"). The amendment to the Credit Agreement, among other things, provided increases in the availability under the revolving credit facility from \$35.0 million to \$375.0 million, the Canadian revolving subcommitment from \$35.0 million to \$40.0 million and the European revolving subcommitment from \$25.0 million. Furthermore, the Company has the option, pursuant to the Credit Agreement, to increase the availability under the revolving credit facility by an aggregate incremental amount up to \$100.0 million. In 2019, Park-Ohio entered into Amendment No. 4 to the Credit Agreement, extending the maturity of the Credit Agreement to November 26, 2024.

Finance Leases

In August 2015, the Company entered into a Capital Lease Agreement (the "Lease Agreement"). The Lease Agreement provides the Company up to \$50.0 million for finance leases. Finance lease obligations of \$15.2 million were borrowed under the Lease Agreement to acquire machinery and equipment as of September 30, 2021.

Covenants

The future availability of bank borrowings under the revolving credit facility provided by the Credit Agreement is based on (1) our calculated availability under the Credit Agreement and (2) if such calculated availability decreases below \$46.875 million, our ability to meet a debt service ratio covenant. If our calculated availability is less than \$46.875 million, our debt service coverage ratio must be greater than 1.0. At September 30, 2021, our calculated availability under the Credit Agreement was \$136.6 million; therefore, the debt service ratio covenant did not apply.

Failure to maintain calculated availability of at least \$46.875 million and meet the debt service ratio covenant could materially impact the availability and interest rate of future borrowings. Our debt service coverage ratio could be materially impacted by negative economic trends, including the negative trends caused by the COVID-19 pandemic. To make certain permitted payments as defined under the Credit Agreement, including but not limited to acquisitions and dividends, we must meet defined availability thresholds ranging from \$37.5 million to \$46.875 million, and a defined debt service coverage ratio of 1.15.

As our calculated availability under the Credit Agreement was above \$46.875 million, we were also in compliance with the other covenants contained in the revolving credit facility as of September 30, 2021. While we expect to remain in compliance throughout 2021, declines in sales volumes in the future, including any declines caused by the COVID-19 pandemic, could adversely impact our ability to remain in compliance with certain of these financial covenants. Additionally, to the extent our customers are adversely affected by declines in the economy in general, including the decline caused by the COVID-19 pandemic, they may be unable to pay their accounts payable to us on a timely basis or at all, which could make our accounts receivable ineligible for purposes of the revolving credit facility and could reduce our borrowing base and our ability to borrow under such facility.

Dividends

The Company paid dividends to shareholders of \$4.7 million during the nine months ended September 30, 2021.

Seasonality; Variability of Operating Results

The timing of orders placed by our customers has varied with, among other factors, orders for customers' finished goods, customer production schedules, competitive conditions and general economic conditions. The variability of the level and timing of orders has, from time to time, resulted in significant periodic and quarterly fluctuations in the operations of our businesses. Such variability is particularly evident in our capital equipment business, included in the Engineered Products segment, which typically ships large systems at a relatively lower pace than our other businesses.

Critical Accounting Policies

Our critical accounting policies are described in "Item. 7 Management's Discussion and Analysis of Financial Condition and Results of Operations," and in the notes to our consolidated financial statements for the year ended December 31, 2020, both contained in our Annual Report on Form 10-K for the year ended December 31, 2020. There were no new critical accounting policies or updates to existing critical accounting policies as a result of new accounting pronouncements in this Quarterly Report on Form 10-Q.

The application of our critical accounting policies may require management to make judgments and estimates about the amounts reflected in the condensed consolidated financial statements. Management uses historical experience and all available information to make these estimates and judgments, and different amounts could be reported using different assumptions and estimates.

Forward-Looking Statements

This Quarterly Report on Form 10-Q contains certain statements that are "forward-looking statements" within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act. The words "believes", "anticipates", "plans", "expects", "intends", "estimates" and similar expressions are intended to identify forward-looking statements.

These forward-looking statements, including statements regarding future performance of the Company, that are subject to known and unknown risks, uncertainties and other factors that may cause our actual results, performance and achievements, or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. These factors that could cause actual results to differ materially from expectations include, but are not limited to, the following: the ultimate impact the COVID-19 pandemic has on our business, results of operations, financial position and liquidity, including, without limitation, supply chain issues such as the global semiconductor micro-chip shortage and logistic issues; our substantial indebtedness; the uncertainty of the global economic environment; general business conditions and competitive factors, including pricing pressures and product innovation; demand for our products and services; the impact of labor disturbances affecting our customers; raw material availability and pricing; fluctuations in energy costs; component part availability and pricing; changes in our relationships with customers and suppliers; the financial condition of our customers, including the impact of any bankruptcies; our ability to successfully integrate recent and future acquisitions into existing operations; the amounts and timing, if any, of purchases of our common stock; changes in general economic conditions

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such as inflation rates, interest rates, tax rates, unemployment rates, higher labor and healthcare costs, recessions and changing government policies, laws and regulations, including those related to the current global uncertainties and crises, such as tariffs and surcharges; adverse impacts to us, our suppliers and customers from acts of terrorism or hostilities; public health issues, including the outbreak of COVID-19 and its impact on our facilities and operations and our customers and suppliers; our ability to meet various covenants, including financial covenants, contained in the agreements governing our indebtedness; disruptions, uncertainties or volatility in the credit markets that may limit our access to capital; potential disruption due to a partial or complete reconfiguration of the European Union; increasingly stringent domestic and foreign governmental regulations, including those affecting the environment or import and export controls and other trade barriers; inherent uncertainties involved in assessing our potential liability for environmental remediation-related activities; the outcome of pending and future litigation and other claims and disputes with customers; our dependence on the automotive and heavy-duty truck industries, which are highly cyclical; the dependence of the automotive industry on consumer spending; our ability to negotiate contracts with labor unions; our dependence on key management; our dependence on information systems; our ability to continue to pay cash dividends, and the timing and amount of any such dividends; and the other factors we describe under "Item IA. Risk Factors" included in the Company's Annual Report on Form 10-K for the year ended December 31, 2020. Any forward-looking statement speaks only as of the date on which such statement is made, and we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise, except as required by law. In light of these and other uncertainties, the inclusi

Item 3. Quantitative and Qualitative Disclosure About Market Risk

We are exposed to market risk, including changes in interest rates. As of September 30, 2021, we are subject to interest rate risk on borrowings under the floating rate revolving credit facility provided by our Credit Agreement. A 100-basis-point increase in the interest rate would have resulted in an increase in interest expense on these borrowings of approximately \$1.7 million during the nine-month period ended September 30, 2021.

Our foreign subsidiaries generally conduct business in local currencies. We face translation risks related to the changes in foreign currency exchange rates. Amounts invested in our foreign operations are translated in U.S. dollars at the exchange rates in effect at the balance sheet date. The resulting translation adjustments are recorded as a component of Accumulated other comprehensive loss in the Shareholders' equity section of the accompanying Condensed Consolidated Balance Sheets. Sales and expenses at our foreign operations are translated into U.S. dollars at the applicable monthly average exchange rates. Therefore, changes in exchange rates may either positively or negatively affect our net sales and expenses from foreign operations as expressed in U.S. dollars.

Our largest exposures to commodity prices relate to metal and natural gas prices, which have fluctuated widely in recent years. We do not have any commodity swap agreements, forward purchase or hedge contracts.

Item 4. Controls and Procedures

Evaluation of disclosure controls and procedures.

Under the supervision of and with the participation of our management, including our chief executive officer and chief financial officer, we evaluated the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15(d)-15(e) under the Exchange Act) as of the end of the period covered by this Quarterly Report. Based on that evaluation, our chief executive officer and chief financial officer have concluded that, as of the end of the period covered by this Quarterly Report, our disclosure controls and procedures were effective.

Changes in internal control over financial reporting.

During the quarter ended September 30, 2021, there were no changes in our internal control over financial reporting that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Part II. Other Information

Item 1. Legal Proceedings

We are subject to various pending and threatened lawsuits in which claims for monetary damages are asserted in the ordinary course of business. While any litigation involves an element of uncertainty, in the opinion of management, liabilities, if any, arising from currently pending or threatened litigation are not expected to have a material adverse effect on our financial condition, liquidity or results of operations.

In addition to the routine lawsuits and asserted claims noted above, we were a party to the lawsuits and legal proceedings described below as of September 30, 2021:

We were a co-defendant in approximately 124 cases asserting claims on behalf of approximately 228 plaintiffs alleging personal injury as a result of exposure to asbestos. These asbestos cases generally relate to production and sale of asbestos-containing products and allege various theories of liability, including negligence, gross negligence and strict liability, and seek compensatory and, in some cases, punitive damages.

In every asbestos case in which we are named as a party, the complaints are filed against multiple named defendants. In substantially all of the asbestos cases, the plaintiffs either claim damages in excess of a specified amount, typically a minimum amount sufficient to establish jurisdiction of the court in which the case was filed (jurisdictional minimum generally range from \$25,000 to \$75,000), or do not specify the monetary damages sought. To the extent that any specific amount of damages is sought, the amount applies to claims against all named defendants.

There are four asbestos cases, involving 20 plaintiffs, that plead specified damages against named defendants. In each of the four cases, the plaintiff is seeking compensatory and punitive damages based on a variety of potentially alternative causes of action. In two cases, the plaintiff has alleged three counts at \$3.0 million compensatory and punitive damages each; one count at \$3.0 million compensatory and \$1.0 million punitive damages; one count at \$1.0 million. In the third case, the plaintiff has alleged compensatory and punitive damages, each in the amount of \$20.0 million, for three separate causes of action, and \$5.0 million compensatory damages for the fifth cause of action. In the fourth case, the plaintiff has alleged compensatory and punitive damages, each in the amount of \$10.0 million, for ten separate causes of action.

Historically, we have been dismissed from asbestos cases on the basis that the plaintiff incorrectly sued one of our subsidiaries or because the plaintiff failed to identify any asbestos-containing product manufactured or sold by us or our subsidiaries. We intend to vigorously defend these asbestos cases, and believe we will continue to be successful in being dismissed from such cases. However, it is not possible to predict the ultimate outcome of asbestos-related lawsuits, claims and proceedings due to the unpredictable nature of personal injury litigation. Despite this uncertainty, and although our results of operations and cash flows for a particular period could be adversely affected by asbestos-related lawsuits, claims and proceedings, management believes that the ultimate resolution of these matters will not have a material adverse effect on our financial condition, liquidity or results of operations. Among the factors management considered in reaching this conclusion were: (a) our historical success in being dismissed from these types of lawsuits on the bases mentioned above; (b) many cases have been improperly filed against one of our subsidiaries; (c) in many cases the plaintiffs have been unable to establish any causal relationship to us or our products or premises; (d) in many cases, the plaintiffs have been unable to demonstrate that they have suffered any identifiable injury or compensable loss at all or that any injuries that they have incurred did in fact result from alleged exposure to asbestos; and (e) the complaints assert claims against multiple defendants and, in most cases, the damages alleged are not attributed to individual defendants. Additionally, we do not believe that the amounts claimed in any of the asbestos cases are meaningful indicators of our potential exposure because the amounts claimed typically bear no relation to the extent of the plaintiff's injury, if any.

Our cost of defending these lawsuits has not been material to date and, based upon available information, our management does not expect its future costs for asbestos-related lawsuits to have a material adverse effect on our results of operations, liquidity or financial position.

Item 1A. Risk Factors

There have been no material changes in the risk factors previously disclosed in the Company's Annual Report on Form 10-K for the year ended December 31, 2020. Investors should not interpret the disclosure of any risk factor to imply that the risk has not already materialized.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

The table below summarizes the information regarding our repurchases of the Company's common stock during the quarter ended September 30, 2021.

Period	Total Number of Shares Purchased	Average Price Paid Per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans (1)	Maximum Number of Shares That May Yet Be Purchased Under the Plans or Program (1)
July 1 — July 31, 2021	9,549 (2)	\$ 32.25	_	541,085
August 1 — August 31, 2021	70,813 (2)	25.31	69,374	471,711
September 1 — September 30, 2021	30,178 (2)	26.93	27,287	444,424
Total	110,540	\$ 26.35	96,661	444,424

- (1) On March 11, 2020, we announced a share repurchase program whereby we may repurchase up to 1.0 million shares of our outstanding common stock.
- (2) Consists of an aggregate total of 13,879 shares of common stock we acquired from recipients of restricted stock awards at the time of vesting of such awards in order to settle recipient withholding tax liabilities.

Item 6. Exhibits

The following exhibits are included herein:

31.1	Principal Executive Officer's Certification Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
31.2	Principal Financial Officer's Certification Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002
32	Certification requirement under Section 906 of the Sarbanes-Oxley Act of 2002
101.INS	Inline XBRL Instance Document
101.SCH	Inline XBRL Taxonomy Extension Schema Document
101.CAL	Inline XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF	Inline XBRL Taxonomy Extension Definition Linkbase Document
101.LAB	Inline XBRL Taxonomy Extension Label Linkbase Document
101.PRE	Inline XBRL Taxonomy Extension Presentation Linkbase Document
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned thereunto duly authorized.

PARK-OHIO HOLDINGS CORP.

(Registrant)

/s/ Patrick W. Fogarty By: Name:

Patrick W. Fogarty
Vice President and Chief Financial Officer
(Principal Financial and Accounting Officer) Title:

Date: November 3, 2021

PRINCIPAL EXECUTIVE OFFICER'S CERTIFICATIONS PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, Matthew V. Crawford, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q of Park-Ohio Holdings Corp.;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely
 affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

By: /s/ Matthew V. Crawford

Name: Matthew V. Crawford

Title: Chairman, Chief Executive Officer and President

Dated: November 3, 2021

PRINCIPAL EXECUTIVE OFFICER'S CERTIFICATIONS PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, Patrick W. Fogarty, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q of Park-Ohio Holdings Corp.;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely
 affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

By: /s/ Patrick W. Fogarty

Name: Patrick W. Fogarty

Title: Vice President and Chief Financial Officer

Dated: November 3, 2021

CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the quarterly report of Park-Ohio Holdings Corp. (the "Company") on Form 10-Q for the period ended September 30, 2021, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), each of the undersigned officers of the Company certifies, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that, to such officer's knowledge:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company as of the dates and for the periods expressed in the Report.

By: /s/ Matthew V. Crawford

Name: Matthew V. Crawford

Title: Chairman, Chief Executive Officer and President

By: /s/ Patrick W. Fogarty

Name: Patrick W. Fogarty

Title: Vice President and Chief Financial Officer

Dated: November 3, 2021

The foregoing certification is being furnished solely pursuant to 18 U.S.C. § 1350 and is not being filed as part of the Report or as a separate disclosure document.