

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

Form 10-Q

(Mark One)

☒ **QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the quarterly period ended June 30, 2019

or

☐ **TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from _____ to _____

Commission file number: 000-03134

Park-Ohio Holdings Corp.

(Exact name of registrant as specified in its charter)

Ohio

34-1867219

(State or other jurisdiction of incorporation or organization)

(I.R.S. Employer Identification No.)

6065 Parkland Boulevard, Cleveland, Ohio

44124

(Address of principal executive offices)

(Zip Code)

(440) 947-2000

(Registrant's telephone number, including area code)

Not applicable

(Former name, former address and former fiscal year, if changed since last report)

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, Par Value \$1.00 Per Share	PKOH	The NASDAQ Stock Market LLC

Indicate by check mark whether the registrant: (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding twelve months (or for such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days. ☒ Yes ☐ No

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). ☒ Yes ☐ No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer ☐

Non-accelerated filer ☐

Accelerated filer ☒

Smaller reporting company ☐

Emerging growth company ☐

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accountings standards provided pursuant to Section 13(a) of the Exchange Act. ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). ☐ Yes ☒ No

Number of shares outstanding of registrant's Common Stock, par value \$1.00 per share, as of July 31, 2019: 12,480,198 shares.

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Part I. Financial Information

Item 1. Financial Statements

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

	(Unaudited)	
	June 30, 2019	December 31, 2018
	(In millions)	
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 45.3	\$ 55.7
Accounts receivable, net	288.4	264.4
Inventories, net	329.8	317.8
Prepaid and other current assets	80.0	82.7
Total current assets	743.5	720.6
Property, plant and equipment, net	232.0	219.4
Operating lease right-of-use assets	64.7	—
Goodwill	106.4	103.4
Intangible assets, net	95.4	95.3
Other long-term assets	82.3	69.8
Total assets	\$ 1,324.3	\$ 1,208.5
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current liabilities:		
Trade accounts payable	\$ 183.9	\$ 177.8
Current portion of long-term debt and short-term debt	17.8	17.9
Current portion of operating lease liabilities	11.9	—
Accrued expenses and other	100.1	103.2
Total current liabilities	313.7	298.9
Long-term liabilities, less current portion:		
Debt	570.5	547.5
Long-term operating lease liabilities	54.1	—
Other long-term liabilities	55.8	49.5
Total long-term liabilities	680.4	597.0
Park-Ohio Holdings Corp. and Subsidiaries shareholders' equity	316.5	299.0
Noncontrolling interests	13.7	13.6
Total equity	330.2	312.6
Total liabilities and shareholders' equity	\$ 1,324.3	\$ 1,208.5

Refer to the accompanying notes to these unaudited condensed consolidated financial statements.

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

	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
(In millions, except per share data)				
Net sales	\$ 415.3	\$ 432.2	\$ 835.4	\$ 837.9
Cost of sales	349.1	359.1	703.9	699.7
Gross profit	66.2	73.1	131.5	138.2
Selling, general and administrative expenses	46.9	47.8	89.7	90.8
Gain on sale of assets	—	(1.9)	—	(1.9)
Operating income	19.3	27.2	41.8	49.3
Other components of pension income and other postretirement benefits expense, net	1.5	2.1	2.8	4.4
Interest expense, net	(8.7)	(8.8)	(16.9)	(17.2)
Income before income taxes	12.1	20.5	27.7	36.5
Income tax expense	(4.2)	(5.5)	(8.1)	(11.3)
Net income	7.9	15.0	19.6	25.2
Net income attributable to noncontrolling interests	(0.3)	(0.2)	(0.8)	(0.6)
Net income attributable to Park-Ohio Holdings Corp. common shareholders	\$ 7.6	\$ 14.8	\$ 18.8	\$ 24.6
Earnings per common share attributable to Park-Ohio Holdings Corp. common shareholders:				
Basic	\$ 0.62	\$ 1.20	\$ 1.54	\$ 2.00
Diluted	\$ 0.61	\$ 1.18	\$ 1.51	\$ 1.96
Weighted-average shares used to compute earnings per share:				
Basic	12.2	12.3	12.2	12.3
Diluted	12.4	12.6	12.4	12.6

Refer to the accompanying notes to these unaudited condensed consolidated financial statements.

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

	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
	(In millions)			
Net income	\$ 7.9	\$ 15.0	\$ 19.6	\$ 25.2
Other comprehensive (loss) income, net of tax:				
Currency translation	(2.5)	(10.3)	(1.8)	(6.2)
Pension and other postretirement benefits	0.4	—	5.7	1.4
Total other comprehensive (loss) income	(2.1)	(10.3)	3.9	(4.8)
Total comprehensive income, net of tax	5.8	4.7	23.5	20.4
Comprehensive income attributable to noncontrolling interests	(0.3)	(0.2)	(0.8)	(0.6)
Comprehensive income attributable to Park-Ohio Holdings Corp. common shareholders	\$ 5.5	\$ 4.5	\$ 22.7	\$ 19.8

Refer to the accompanying notes to these unaudited condensed consolidated financial statements.

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

	Common Stock		Additional Paid-In Capital	Retained Earnings	Treasury Stock	Accumulated Other Comprehensive (Loss) Income	Noncontrolling Interest	Total
	Shares	Amount						
	(In whole shares)							
	(In millions)							
Balance at January 1, 2019	15,555,275	\$ 15.6	\$ 125.7	\$ 265.9	\$ (67.3)	\$ (40.9)	\$ 13.6	\$ 312.6
Other comprehensive income	—	—	—	11.2	—	6.0	0.5	17.7
Stock-based compensation expense	—	—	1.9	—	—	—	—	1.9
Stock-based compensation activity	38,000	—	—	—	—	—	—	—
Dividends	—	—	—	(1.6)	—	—	(0.3)	(1.9)
Payments of withholding taxes on share awards	—	—	—	—	(1.0)	—	—	(1.0)
Balance at March 31, 2019	15,593,275	15.6	127.6	275.5	(68.3)	(34.9)	13.8	329.3
Other comprehensive income	—	—	—	7.6	—	(2.1)	0.3	5.8
Stock-based compensation expense	—	—	(0.2)	—	—	—	—	(0.2)
Stock-based compensation activity	(75,550)	(0.1)	0.1	—	—	—	—	—
Dividends	—	—	—	(1.6)	—	—	(0.4)	(2.0)
Purchases of treasury stock (27,069)	—	—	—	—	(0.9)	—	—	(0.9)
Payments of withholding taxes on share awards	—	—	—	—	(1.8)	—	—	(1.8)
Balance at June 30, 2019	15,517,725	\$ 15.5	\$ 127.5	\$ 281.5	\$ (71.0)	\$ (37.0)	\$ 13.7	\$ 330.2

	Common Stock		Additional Paid-In Capital	Retained Earnings	Treasury Stock	Accumulated Other Comprehensive (Loss) Income	Noncontrolling Interest	Total					
	Shares	Amount											
	(In whole shares)	(In millions)											
Balance at January 1, 2018	15,153,009	\$ 15.2	\$ 117.8	\$ 216.1	\$ (55.2)	\$ (17.9)	\$ 12.0	\$ 288.0					
Other comprehensive income	—	—	—	9.8	—	5.5	0.4	15.7					
Stock-based compensation expense	—	—	2.2	—	—	—	—	2.2					
Stock-based compensation activity	12,000	—	—	—	—	—	—	—					
Dividends	—	—	—	(1.6)	—	—	—	(1.6)					
Purchases of treasury stock (26,917 shares)	—	—	—	—	(1.1)	—	—	(1.1)					
Payments of withholding taxes on share awards	—	—	—	—	(1.0)	—	—	(1.0)					
Adoption of ASU 2014-09	—	—	—	2.6	—	—	—	2.6					
Balance at March 31, 2018	15,165,009	15.2	120.0	226.9	(57.3)	(12.4)	12.4	304.8					
Other comprehensive income	—	—	—	14.8	—	(10.3)	0.2	4.7					
Stock-based compensation expense	—	—	2.4	—	—	—	—	2.4					
Stock-based compensation activity	386,450	0.4	(0.4)	—	—	—	—	—					
Dividends	—	—	—	(1.6)	—	—	—	(1.6)					
Payments of withholding taxes on share awards	—	—	—	—	(2.0)	—	—	(2.0)					
Balance at June 30, 2018	15,551,459	\$ 15.6	\$ 122.0	\$ 240.1	\$ (59.3)	\$ (22.7)	\$ 12.6	\$ 308.3					

	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
Dividends per common share	\$ 0.125	\$ 0.125	\$ 0.250	\$ 0.250

Refer to the accompanying notes to these unaudited condensed consolidated financial statements.

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

	Six Months Ended June 30,	
	2019	2018
	(In millions)	
OPERATING ACTIVITIES		
Net income	\$ 19.6	\$ 25.2
Adjustments to reconcile net income to net cash provided (used) by operating activities:		
Depreciation and amortization	17.7	18.1
Stock-based compensation expense	1.7	4.6
Net impact of Tax Cuts and Jobs Act	—	1.2
Gain on sale of assets	—	(1.9)
Changes in operating assets and liabilities:		
Accounts receivable	(20.9)	(36.4)
Inventories	(10.7)	(17.7)
Prepaid and other current assets	5.4	(13.5)
Accounts payable and accrued expenses	(6.5)	22.0
Other	(3.5)	(2.9)
Net cash provided (used) by operating activities	2.8	(1.3)
INVESTING ACTIVITIES		
Purchases of property, plant and equipment	(20.7)	(22.3)
Proceeds from sale of assets	—	2.8
Business acquisitions, net of cash acquired	(7.6)	(35.6)
Net cash used by investing activities	(28.3)	(55.1)
FINANCING ACTIVITIES		
Proceeds from revolving credit facility, net	27.7	74.6
Payments on term loans and other debt	(2.8)	(2.6)
Proceeds from term loans and other debt	0.7	2.2
Payments on finance lease facilities, net	(3.2)	(2.3)
Dividends	(3.9)	(3.2)
Purchase of treasury shares	(0.9)	(0.6)
Payments of withholding taxes on share awards	(2.8)	(3.5)
Net cash provided by financing activities	14.8	64.6
Effect of exchange rate changes on cash	0.3	(2.6)
(Decrease) increase in cash and cash equivalents	(10.4)	5.6
Cash and cash equivalents at beginning of period	55.7	82.8
Cash and cash equivalents at end of period	\$ 45.3	\$ 88.4
Interest paid	\$ 15.8	\$ 16.3
Income taxes paid	\$ 5.3	\$ 8.1

Refer to the accompanying notes to these unaudited condensed consolidated financial statements.

Park-Ohio Holdings Corp. and Subsidiaries
Notes to Unaudited Condensed Consolidated Financial Statements
June 30, 2019

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 six-month periods ended June 30, 2019 are not necessarily indicative of the results that may be expected for the year ending December 31, 2019. The balance sheet at December 31, 2018 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, 2018.

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*Accounting Pronouncements Adopted*

In February 2016, the Financial Accounting Standards Board ("FASB") issued Accounting Standards Update ("ASU") 2016-02, "Leases (Topic 842)." This accounting standard requires that a lessee recognize a right-of-use asset and a lease liability on its balance sheet for all leases, including operating leases, with a term greater than 12 months. In July 2018, the FASB issued updated guidance, which allows an additional transition method to adopt the new leases standard at the adoption date, rather than as of the beginning of the earliest period presented. The Company elected to transition to the new standard on its effective date of January 1, 2019 and therefore did not adjust its prior period financial information. On the transition date, we recognized operating right-of-use assets and related lease liabilities of approximately \$69.7 million. We elected the package of transition provisions available for expired or existing contracts, which allowed us to carryforward our historical assessments of (1) whether contracts are or contain leases, (2) lease classification and (3) initial direct costs. The Company also made an accounting policy election not to record a right-of-use asset or lease liability related to leases with an initial term of 12 months or less, and elected to not separate lease and non-lease components for all leases. See Note 10, "Leases" for additional disclosure.

In February 2018, the FASB issued ASU 2018-02, "Income Statement—Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income." The ASU affects any entity that is required to apply the provisions of Topic 220, "Income Statement—Reporting Comprehensive Income," and has items of other comprehensive income for which the related tax effects are presented in other comprehensive income as required by GAAP. The Company has evaluated ASU 2018-02 and has decided not to make the election to reclassify the income tax effects of the Tax Cuts and Jobs Act ("TCJA") from accumulated other comprehensive income to retained earnings.

Recent Accounting Pronouncements Not Yet Adopted

Park-Ohio Holdings Corp. and Subsidiaries
Notes to Unaudited Condensed Consolidated Financial Statements
June 30, 2019

In June 2016, the FASB issued ASU 2016-13, "Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses of Financial Instruments," which replaces the current incurred loss impairment model with a methodology that reflects expected credit losses. Under the new methodology, entities will be required to measure expected credit losses on financial instruments held at amortized cost, including trade receivables, based on historical experience, current conditions and reasonable forecasts. Adoption of this guidance is required for interim and annual periods beginning after December 15, 2019, with early adoption permitted for interim and annual periods beginning after December 15, 2018. The Company is currently evaluating the expected impact of this standard.

In August 2018, the FASB issued ASU 2018-13, "Fair Value Measurement (Topic 820): Disclosure Framework-Changes to the Disclosure Requirements for Fair Value Measurement," which changes the requirements on fair value measurements by removing, modifying or adding certain disclosures. Adoption of this guidance is required for interim and annual periods beginning after December 15, 2019 with early adoption permitted. 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.

NOTE 3 - Revenue

We disaggregate our revenue by product line and geographic region of our customer, as we believe these 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 June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
	(In millions)			
PRODUCT LINE				
Supply Technologies	\$ 141.0	\$ 146.1	\$ 285.8	\$ 284.9
Engineered specialty fasteners and other products	20.5	20.1	41.0	42.2
Supply Technologies Segment	161.5	166.2	326.8	327.1
Fuel, rubber and plastic products	91.1	99.2	180.7	198.4
Aluminum products	45.2	54.0	93.9	100.2
Assembly Components Segment	136.3	153.2	274.6	298.6
Industrial equipment	80.7	78.5	161.3	153.0
Forged and machined products	36.8	34.3	72.7	59.2
Engineered Products Segment	117.5	112.8	234.0	212.2
Total revenues	\$ 415.3	\$ 432.2	\$ 835.4	\$ 837.9

Park-Ohio Holdings Corp. and Subsidiaries
Notes to Unaudited Condensed Consolidated Financial Statements
June 30, 2019

	Supply Technologies Segment	Assembly Components Segment	Engineered Products Segment	Total Revenues
	(In millions)			
Three Months Ended June 30, 2019				
GEOGRAPHIC REGION				
United States	\$ 110.6	\$ 97.0	\$ 67.9	\$ 275.5
Europe	24.2	3.8	20.4	48.4
Asia	9.5	4.0	15.8	29.3
Mexico	13.4	10.6	3.4	27.4
Canada	3.3	20.5	6.6	30.4
Other	0.5	0.4	3.4	4.3
Total	\$ 161.5	\$ 136.3	\$ 117.5	\$ 415.3

Three Months Ended June 30, 2018

GEOGRAPHIC REGION				
United States	\$ 110.5	\$ 109.3	\$ 66.1	\$ 285.9
Europe	25.6	1.2	20.3	47.1
Asia	13.2	8.7	14.9	36.8
Mexico	13.5	8.1	3.5	25.1
Canada	3.4	25.6	5.7	34.7
Other	—	0.3	2.3	2.6
Total	<u>\$ 166.2</u>	<u>\$ 153.2</u>	<u>\$ 112.8</u>	<u>\$ 432.2</u>

Park-Ohio Holdings Corp. and Subsidiaries
Notes to Unaudited Condensed Consolidated Financial Statements
June 30, 2019

	Supply Technologies Segment	Assembly Components Segment	Engineered Products Segment	Total Revenues
	(In millions)			
<i>Six Months Ended June 30, 2019</i>				
GEOGRAPHIC REGION				
United States	\$ 221.0	\$ 198.7	\$ 136.0	\$ 555.7
Europe	50.7	8.1	40.8	99.6
Asia	20.8	9.2	30.7	60.7
Mexico	27.1	19.6	6.4	53.1
Canada	6.5	38.2	14.2	58.9
Other	0.7	0.8	5.9	7.4
Total	\$ 326.8	\$ 274.6	\$ 234.0	\$ 835.4

Six Months Ended June 30, 2018				
GEOGRAPHIC REGION				
United States	\$ 213.8	\$ 211.1	\$ 119.6	\$ 544.5
Europe	51.6	2.4	39.1	93.1
Asia	27.1	16.5 26,600,000	26.6	70.2
Mexico	27.7 5,000,000	16.6	11.5	55.8
Canada	6.8	51.3	10.9	69.0
Other	0.1	0.7	4.5	5.3
Total	<u>\$ 327.1</u>	<u>\$ 298.6</u>	<u>\$ 212.2</u>	<u>\$ 837.9</u>

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 are 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; certain non-cash and/or non-operating items; Other components of pension income and other postretirement benefits expense, net; and interest expense, net.

Results by business segment were as follows:

Park-Ohio Holdings Corp. and Subsidiaries
Notes to Unaudited Condensed Consolidated Financial Statements
June 30, 2019

	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
	(In millions)			
Net sales:				
Supply Technologies	\$ 161.5	\$ 166.2	\$ 326.8	\$ 327.1
Assembly Components	136.3	153.2	274.6	298.6
Engineered Products	117.5	112.8	234.0	212.2
	<u>\$ 415.3</u>	<u>\$ 432.2</u>	<u>\$ 835.4</u>	<u>\$ 837.9</u>
Segment operating income:				
Supply Technologies	\$ 11.3	\$ 13.5	\$ 24.4	\$ 26.0
Assembly Components	8.3	11.7	16.6	24.3
Engineered Products	11.5	9.5	19.6	15.2
Total segment operating income	31.1	34.7	60.6	65.5
Corporate costs	(7.5)	(9.4)	(14.5)	(18.1)
One-time net expense related to former President ^(a)	(4.3)	—	(4.3)	—
Gain on sale of assets	—	1.9	—	1.9
Operating income	19.3	27.2	41.8	49.3
Other components of pension income and other postretirement benefits expense, net	1.5	2.1	2.8	4.4
Interest expense, net	(8.7)	(8.8)	(16.9)	(17.2)
Income before income taxes	<u>\$ 12.1</u>	<u>\$ 20.5</u>	<u>\$ 27.7</u>	<u>\$ 36.5</u>

(a) On June 17, 2019, Edward F. Crawford, our President, retired and resigned to become the U.S. Ambassador to Ireland. In connection with his resignation, the Company incurred one-time net expense of \$4.3 million, consisting of a \$6.0 million payment and reversal of \$1.7 million of previously-recorded expense related to restricted stock forfeitures.

NOTE 5 — Acquisitions

On May 31, 2019, the Company acquired EFCO, Inc. d/b/a Erie Press Systems ("EP") for \$9.1 million, including a working capital adjustment and contingent consideration. EP, which has annual revenue of approximately \$20 million, is an industry-recognized leader in the manufacturing of advanced forging presses, hydraulic and mechanical presses, and metal stretch-forming and carbon extrusion machines for several end markets, including aerospace and defense, primary metals and high-speed rail. EP is included in the Company's Engineered Products segment.

At closing, the Company paid \$7.6 million in cash (net of \$10.4 million of cash and cash equivalents acquired). In July 2019, the Company paid an additional \$0.5 million upon finalization of the net working capital adjustment. In addition, the purchase agreement of EP stipulates potential contingent consideration of up to an additional \$1.0 million based on two-year cumulative earnings before interest and taxes. The estimated fair value of the contingent consideration, valued using level 3 inputs, was approximately \$1.0 million as of June 30, 2019, resulting in a total purchase price of \$9.1 million.

The allocation of the purchase price for EP is subject to finalization of the Company's determination of the fair values of the assets acquired and 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 property, plant and equipment; intangible assets; and deferred income taxes. The final allocation is expected to be completed in 2019 but no later than one year after the acquisition date. Below is the initial estimated purchase price allocation related to the acquisition of EP:

Park-Ohio Holdings Corp. and Subsidiaries
Notes to Unaudited Condensed Consolidated Financial Statements
June 30, 2019

	(In millions)
Net working capital	\$ 0.1
Property, plant and equipment	3.7
Intangible assets	3.5
Goodwill	3.3
Deferred income tax liabilities	(1.5)
Total purchase price (including working capital adjustment and contingent consideration)	\$ 9.1

On February 1, 2018, the Company acquired Canton Drop Forge ("CDF") for \$35.6 million in cash for its Engineered Products segment. CDF manufactures forgings for high-performance applications in the global aerospace, oil and gas, and other markets.

On October 1, 2018, the Company acquired Hydrapower Dynamics Limited ("Hydrapower") for \$7.8 million in cash for its Assembly Components segment. Headquartered in Birmingham, England, Hydrapower is a manufacturer of fluid handling systems incorporating hoses, manipulated tubes and fabricated assemblies for the bus and truck, automotive, agricultural and construction end markets.

During 2018, the Company made two other acquisitions in its Supply Technologies segment totaling a cash purchase price of \$3.5 million. Both acquired companies distribute products into the aerospace and defense end markets.

NOTE 6 — Inventories

Inventories, net consist of the following:

	June 30, 2019	December 31, 2018
	(In millions)	
Raw materials and supplies	\$ 88.0	\$ 85.0
Work in process	52.8	48.9
Finished goods	187.1	182.0
LIFO reserve	1.9	1.9
Inventories, net	\$ 329.8	\$ 317.8

NOTE 7 — 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 six months ended June 30, 2019 and 2018:

	2019	2018
	(In millions)	
January 1	\$ 6.2	\$ 7.9
Claims paid	(1.6)	(2.5)
Warranty expense	2.5	2.5
June 30	\$ 7.1	\$ 7.9

NOTE 8 — Income Taxes

Park-Ohio Holdings Corp. and Subsidiaries
Notes to Unaudited Condensed Consolidated Financial Statements
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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.

Income tax expense for the three months ended June 30, 2019 was \$4.2 million, representing an effective rate of 34.3% compared to income tax expense of \$5.5 million, or 26.8%, for the three months ended June 30, 2018. The higher rate in the 2019 period was due to the impact of the \$6.0 million one-time, non-deductible payment.

Income tax expense for the six months ended June 30, 2019 was \$8.1 million, representing an effective rate of 29.2%, compared to income tax expense of \$11.3 million, or 30.9%, for the six months ended June 30, 2018. The rate in the 2019 period includes the impact of the \$6.0 million one-time, non-deductible payment. The rate in the 2018 period includes \$1.2 million of non-recurring expense related to adoption of the TJCA, which increased the effective rate by 330 basis points.

NOTE 9 — Financing Arrangements

Debt consists of the following:

	Maturity Date	Interest Rate at June 30, 2019	Carrying Value at	
			June 30, 2019	December 31, 2018
			(In millions)	
Senior Notes	April 15, 2027	6.625%	\$ 350.0	\$ 350.0
Revolving credit facility	April 17, 2022	3.62%	192.7	165.1
Industrial Equipment Group European Facilities	December 21, 2021	3.25%	8.3	12.6
Finance Leases	Various	Various	17.5	20.7
Other	Various	Various	26.8	24.7
Gross debt			595.3	573.1
Less current portion of long-term and short-term debt			(17.8)	(17.9)
Less unamortized debt issuance costs			(7.0)	(7.7)
Total long-term debt, net			\$ 570.5	\$ 547.5

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 revolving credit facility from \$350.0 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 to \$30.0 million. Furthermore, Park-Ohio has the option, pursuant to the amended Credit Agreement, to increase the availability under the revolving credit facility by an aggregate incremental amount up to \$100.0 million. We had outstanding bank guarantees of approximately \$31.0 million at June 30, 2019 and \$27.5 million at December 31, 2018 under the Credit Agreements.

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 \$25.5 million as of June 30, 2019, as well as a revolving credit facility for up to \$11.3 million to fund working capital and

Park-Ohio Holdings Corp. and Subsidiaries
Notes to Unaudited Condensed Consolidated Financial Statements
June 30, 2019

general corporate needs. The Company had \$8.3 million outstanding on the loan as of June 30, 2019. No amounts have been drawn on the revolving credit facility as of June 30, 2019.

In 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 \$17.5 million were borrowed under the Lease Agreement to acquire machinery and equipment as of June 30, 2019.

In 2015, the Company, through its Southwest Steel Processing LLC subsidiary, entered into a financing agreement with the Arkansas Development Finance Authority. The financing agreement provides the Company the ability to borrow up to \$11.0 million for expansion of its manufacturing facility in Arkansas. The financing agreement matures in September 2025. The Company had \$8.9 million of borrowings outstanding under this agreement as of June 30, 2019, 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.

	June 30, 2019	December 31, 2018
	(In millions)	
Carrying amount	\$ 350.0	\$ 350.0
Fair value	\$ 358.8	\$ 345.8

NOTE 10 — Leases

We lease manufacturing facilities, warehouse space, office space, machinery and equipment, information technology equipment and vehicles under operating leases. We also lease one building and machinery and equipment under finance leases. For operating leases with terms greater than 12 months, we record the operating right-of-use asset and related lease liability at the present value of lease payments over the lease term. In certain real estate leases, we have options to renew lease terms, generally at our sole discretion. We evaluate renewal options at the lease commencement date to determine if we are reasonably certain to exercise the option on the basis of economic factors.

The discount rate implicit in our operating leases is generally not determinable, and therefore the Company determines the discount rate for each lease based on its incremental borrowing rate. The incremental borrowing rate is calculated based on lease term, currency and collateral adjustments.

During the six months ended June 30, 2019, the Company obtained right-of-use assets in exchange for new operating lease liabilities of \$4.6 million.

Balance Sheet as of June 30, 2019

Park-Ohio Holdings Corp. and Subsidiaries
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Classification on the Balance Sheet

Classification on the Balance Sheet			June 30, 2019
Assets			(in millions)
Operating lease assets	Operating lease right-of-use assets	\$	64.7
Finance lease assets	Property, plant and equipment, net		25.8
Total lease assets		\$	90.5
Liabilities			
Current			
Operating	Current portion of operating lease liabilities	\$	11.9
Finance	Current portion of long-term debt and short-term debt		6.7
Noncurrent			
Operating	Long-term operating lease liabilities		54.1
Finance	Debt		10.8
Total lease liabilities		\$	83.5
Weighted-average remaining lease term (in years)			
Operating leases			7.2
Finance leases			4.0
Weighted-average discount rate			
Operating leases			5.3%
Finance leases			3.8%

Lease Costs for the three and six months ended June 30, 2019

Operating lease expense is recognized on a straight-line basis over the lease term, with variable payments recognized in the period those payments are incurred.

	Three Months Ended June 30, 2019	Six Months Ended June 30, 2019
	(in millions)	
Finance lease cost		
Amortization of right-of-use assets	\$ 0.9	\$ 1.8
Interest on lease liabilities	0.1	0.3
Operating lease cost	4.4	9.1
Other lease cost ⁽¹⁾	1.1	2.1
Total lease cost	\$ 6.5	\$ 13.3

(1) - Other lease cost includes variable lease costs and short-term lease costs.

Total lease expense for the three and six months ended June 30, 2018 was \$6.6 million and \$13.0 million, respectively.

Cash Flow Information

Park-Ohio Holdings Corp. and Subsidiaries
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June 30, 2019

	June 30, 2019
	(in millions)
Cash paid for amounts included in the measurement of lease liabilities	
Operating cash flows for operating leases	\$ 8.7
Operating cash flows for finance leases	\$ 0.3
Financing cash flows for finance leases	\$ 3.2

Maturities of Lease Liabilities

	June 30, 2019	
	Operating Leases	Finance Leases
	(in millions)	
Remainder of 2019	\$ 7.9	\$ 3.7
2020	13.2	6.5
2021	10.6	3.3
2022	9.2	2.2
2023	8.6	1.4
Thereafter	27.9	1.6
Total lease payments	77.4	18.7
Less: amount of lease payments representing interest	(11.4)	(1.2)
Total present value of future lease payments	\$ 66.0	\$ 17.5

NOTE 11 — Stock-Based Compensation

A summary of restricted share activity for the six months ended June 30, 2019 is as follows:

	2019			
	Time-Based		Performance-Based	
	Number of Shares	Weighted Average Grant Date Fair Value	Number of Shares	Weighted Average Grant Date Fair Value
	(In whole shares)		(In whole shares)	
Outstanding - beginning of year	529,947	\$ 35.98	—	\$ —
Granted ^(a)	80,275	33.09	50,000	32.55
Vested	(206,778)	37.69	—	—
Forfeited	(115,000)	39.35	—	—
Outstanding - end of period	288,444	\$ 32.61	50,000	\$ 32.55

(a) Included in the granted amount are 2,825 restricted share units.

Total stock-based compensation expense included in Selling, general and administrative expenses during the three months ended June 30, 2019 and 2018 was \$(0.2) million and \$2.4 million, respectively. The amounts recorded for the six months ended June 30, 2019 and 2018 was \$1.7 million and \$4.6 million, respectively. As of June 30, 2019, there was \$6.9 million of

Park-Ohio Holdings Corp. and Subsidiaries
Notes to Unaudited Condensed Consolidated Financial Statements
June 30, 2019

unrecognized compensation cost related to non-vested stock-based compensation, which cost is expected to be recognized over a weighted-average period of 2.1 years.

NOTE 12 — Pension and Postretirement Benefits

The components of net periodic benefit (income) costs recognized during interim periods were as follows:

	Pension Benefits				Postretirement Benefits			
	Three Months Ended June 30,		Six Months Ended June 30,		Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018	2019	2018	2019	2018
	(In millions)							
Service costs	\$ 0.9	\$ 1.0	\$ 1.8	\$ 2.0	\$ —	\$ —	\$ —	\$ —
Interest costs	0.6	0.6	1.3	1.1	—	—	0.1	0.1
Expected return on plan assets	(2.7)	(2.9)	(5.4)	(5.8)	—	—	—	—
Recognized net actuarial loss	0.5	0.1	1.1	0.2	0.1	—	0.1	—
Net periodic benefit (income) costs	<u>\$ (0.7)</u>	<u>\$ (1.2)</u>	<u>\$ (1.2)</u>	<u>\$ (2.5)</u>	<u>\$ 0.1</u>	<u>\$ —</u>	<u>\$ 0.2</u>	<u>\$ 0.1</u>
Weighted average:								
Discount rate for projected benefit obligation			4.11%	3.52%			4.06%	3.32%
Discount rate for interest cost			3.72%	3.10%			3.72%	2.89%
Discount rate for service cost			4.10%	3.57%			4.34%	3.70%
Expected return on plan assets			8.25%	8.25%				

Park-Ohio Holdings Corp. and Subsidiaries
Notes to Unaudited Condensed Consolidated Financial Statements
June 30, 2019

NOTE 13 — Accumulated Other Comprehensive Loss

The components of and changes in accumulated other comprehensive loss for the six months ended June 30, 2019 and 2018 were as follows:

	Cumulative Translation Adjustment	Pension and Postretirement Benefits	Total
	(In millions)		
January 1, 2019	\$ (21.3)	\$ (19.6)	\$ (40.9)
Currency translation ^(a)	(1.8)	—	(1.8)
Pension and OPEB activity, net of tax	—	5.7	5.7
June 30, 2019	\$ (23.1)	\$ (13.9)	\$ (37.0)
January 1, 2018	\$ (11.6)	\$ (6.3)	\$ (17.9)
Currency translation ^(a)	(6.2)	—	(6.2)
Pension and OPEB activity, net of tax	—	1.4	1.4
June 30, 2018	\$ (17.8)	\$ (4.9)	\$ (22.7)

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

NOTE 14 — 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 Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
	(In millions)			
Weighted average basic shares outstanding	12.2	12.3	12.2	12.3
Plus: Dilutive impact of employee stock awards	0.2	0.3	0.2	0.3
Weighted average diluted shares outstanding	12.4	12.6	12.4	12.6

Certain restricted stock awards are anti-dilutive and therefore excluded from the computation of diluted earnings per share. Anti-dilutive shares were immaterial for the three and six months ended June 30, 2019 and 2018.

NOTE 15 — Subsequent Events

On July 26, 2019, the Company's Board of Directors declared a quarterly dividend of \$0.125 per common share. The dividend will be paid on August 27, 2019 to shareholders of record as of the close of business on August 13, 2019 and will result in a cash outlay of approximately \$1.6 million.

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

Acquisition of Erie Press

On May 31, 2019, the Company acquired EFCO, Inc. d/b/a Erie Press Systems ("EP") for a total purchase price of \$9.1 million. EP, which has annual revenue of approximately \$20 million, is an industry-recognized leader in the manufacturing of advanced forging presses, hydraulic and mechanical presses, and metal stretch-forming and carbon extrusion machines for several end markets, including aerospace and defense, primary metals and high-speed rail. EP is included in the Company's Engineered Products segment.

Subsequent Event

On July 27, 2019, the Company's Board of Directors declared a quarterly dividend of \$0.125 per common share. The dividend will be paid on August 27, 2019 to shareholders of record as of the close of business on August 13, 2019 and will result in a cash outlay of approximately \$1.6 million.

RESULTS OF OPERATIONS

Three Months Ended June 30, 2019 Compared with Three Months Ended June 30, 2018

	Three Months Ended June 30,			
	2019	2018	\$ Change	% Change
(Dollars in millions, except per share data)				
Net sales	\$ 415.3	\$ 432.2	\$ (16.9)	(3.9)%
Cost of sales	349.1	359.1	(10.0)	(2.8)%
Gross profit	66.2	73.1	(6.9)	(9.4)%
Gross margin	15.9%	16.9%		
Selling, general and administrative ("SG&A") expenses	46.9	47.8	(0.9)	(1.9)%
SG&A as a percentage of net sales	11.3%	11.1%		
Gain on sale of assets	—	(1.9)	1.9	*
Operating income	19.3	27.2	(7.9)	(29.0)%
Other components of pension income and other postretirement benefits expense, net	1.5	2.1	(0.6)	(28.6)%
Interest expense, net	(8.7)	(8.8)	0.1	(1.1)%
Income before income taxes	12.1	20.5	(8.4)	(41.0)%
Income tax expense	(4.2)	(5.5)	1.3	(23.6)%
Net income	7.9	15.0	(7.1)	(47.3)%
Net income attributable to noncontrolling interest	(0.3)	(0.2)	(0.1)	50.0%
Net income attributable to Park-Ohio Holdings Corp. common shareholders	\$ 7.6	\$ 14.8	\$ (7.2)	(48.6)%
Earnings per common share attributable to Park-Ohio Holdings Corp. common shareholders:				
Basic	\$ 0.62	\$ 1.20	\$ (0.58)	(48.3)%
Diluted	\$ 0.61	\$ 1.18	\$ (0.57)	(48.3)%

* Calculation not meaningful

Net Sales

Net sales decreased 3.9%, to \$415.3 million in the second quarter of 2019, compared to \$432.2 million in the same period in 2018, due primarily to lower end-market demand for our products in Supply Technologies and Assembly Components segments, driven by lower year-over-year sales from our facilities in Asia and Europe. These sales decreases were partially offset by increased sales in our Engineered Products segment, driven by increasing demand for our capital equipment and forged and machined products.

The factors explaining the changes in segment net sales for the three months ended June 30, 2019 compared to the corresponding 2018 period are contained within the "Segment Results" section below.

Cost of Sales & Gross Profit

Cost of sales decreased to \$349.1 million in the second quarter of 2019, compared to \$359.1 million in the same period in 2018. The decrease in cost of sales was primarily due to the decrease in net sales for the 2019 period compared to the corresponding period in 2018.

Gross margin was 15.9% in the second quarter of 2019 compared to 16.9% in the same period in 2018. The decrease was due primarily to \$1.7 million of non-recurring costs related to plant closure and consolidation, unfavorable sales mix, lower profit flow-through from the lower sales levels and an increase in product costs from both general inflation and tariffs on Chinese imported products.

SG&A Expenses

SG&A expenses decreased to \$46.9 million, or 11.3% of sales, in the second quarter of 2019 compared to \$47.8 million, or 11.1% of sales, in the same period in 2018. The decrease in SG&A expenses was due primarily to lower professional fees, acquisition-related expenses, restricted stock compensation expense and Corporate expenses. These decreases were partially offset by \$4.3 million of one-time net expense as discussed further in Note 4 of the condensed consolidated financial statements.

Gain on Sale of Assets

During the second quarter of 2018, the Company sold land to a third party, resulting in cash proceeds of \$2.8 million and a pre-tax gain on sale of \$1.9 million.

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

Other components of pension income and OPEB expense, net was \$1.5 million in the three months ended June 30, 2019 compared to \$2.1 million in the corresponding period in 2018. This decrease in the 2019 period relates to the recognition of higher net actuarial losses in 2019 compared to the prior-year period, driven by lower returns on plan assets in 2018 to be amortized over future periods starting in 2019.

Interest Expense, net

Interest expense, net was \$8.7 million in the second quarter of 2019 compared to \$8.8 million in the 2018 period. The decrease was due to lower average outstanding borrowings, partially offset by the impact of a slightly higher average interest rate.

Income Tax Expense

Income tax expense for the three months ended June 30, 2019 was \$4.2 million, representing an effective rate of 34.3%, compared to income tax expense of \$5.5 million, or 26.8%, for the three months ended June 30, 2018. The higher rate in the 2019 period was due to the impact of the \$6.0 million one-time, non-deductible payment discussed further in Note 4 of the condensed consolidated financial statements.

RESULTS OF OPERATIONS

Six Months Ended June 30, 2019 Compared with Six Months Ended June 30, 2018

	Six Months Ended June 30,			
	2019	2018	\$ Change	% Change
	(Dollars in millions, except per share data)			
Net sales	\$ 835.4	\$ 837.9	\$ (2.5)	(0.3)%
Cost of sales	703.9	699.7	4.2	0.6 %
Gross profit	131.5	138.2	(6.7)	(4.8)%
Gross margin	15.7%	16.5%		
SG&A expenses	89.7	90.8	(1.1)	(1.2)%
SG&A expenses as a percentage of net sales	10.7%	10.8%		
Gain on sale of assets	—	(1.9)	1.9	*
Operating income	41.8	49.3	(7.5)	(15.2)%
Other components of pension income and other postretirement benefits expense, net	2.8	4.4	(1.6)	(36.4)%
Interest expense, net	(16.9)	(17.2)	0.3	(1.7)%
Income before income taxes	27.7	36.5	(8.8)	(24.1)%
Income tax expense	(8.1)	(11.3)	3.2	(28.3)%
Net income	19.6	25.2	(5.6)	(22.2)%
Net income attributable to noncontrolling interests	(0.8)	(0.6)	(0.2)	33.3 %
Net income attributable to Park-Ohio Holdings Corp. common shareholders	\$ 18.8	\$ 24.6	\$ (5.8)	(23.6)%
Earnings per common share attributable to Park-Ohio Holdings Corp. common shareholders:				
Basic	\$ 1.54	\$ 2.00	\$ (0.46)	(23.0)%
Diluted	\$ 1.51	\$ 1.96	\$ (0.45)	(23.0)%

Net Sales

Net sales decreased 0.3%, to \$835.4 million in the first six months of 2019, compared to \$837.9 million in the same period in 2018. Net sales were lower in the 2019 period in our Assembly Components segment, due primarily to end-of-life programs in our fuel products line and lower demand in Asia and Europe. This sales decrease was offset by higher sales in Engineered Products, driven by increasing demand for our capital equipment and forged and machined products, as well as a full six months of sales from our Canton Drop Forge acquisition in February 2018. Sales in our Supply Technologies segment were consistent year-over-year.

The factors explaining the changes in segment net sales for the six months ended June 30, 2019 compared to the corresponding 2018 period are contained in the "Segment Results" section below.

Cost of Sales & Gross Profit

Cost of sales increased to \$703.9 million in the first six months of 2019, compared to \$699.7 million in the same period in 2018.

Gross margin was 15.7% in the first six months of 2019 compared to 16.5% in the corresponding period in 2018. The increase in cost of sales and decrease in gross margin was due primarily to \$3.0 million of non-recurring costs related to plant closure and consolidation and unfavorable sales mix.

SG&A Expenses

SG&A expenses decreased to \$89.7 million in the first six months of 2019, compared to \$90.8 million in the same period in 2018. These decreases in SG&A expenses were due primarily to lower professional fees, acquisition-related expenses, restricted stock compensation expense and Corporate expenses. These decreases were partially offset by \$4.3 million of one-time net expense as discussed further in Note 4 of the condensed consolidated financial statements.

Gain on Sale of Assets

During the first six months of 2018, the Company sold land to a third party, resulting in cash proceeds of \$2.8 million and a pre-tax gain on sale of \$1.9 million.

Other Components of Pension Income and OPEB, Net

Other components of pension income and OPEB expense, net was \$2.8 million in the six months ended June 30, 2019 compared to \$4.4 million in the corresponding period in 2018. This decrease in the 2019 period relates to the recognition of higher net actuarial losses in 2019 compared to the prior-year period, driven by lower returns on plan assets in 2018 to be amortized over future periods starting in 2019.

Interest Expense, net

Interest expense, net was \$16.9 million in the first six months of 2019 compared to \$17.2 million in 2018. The decrease was due to lower average outstanding borrowings and a lower average interest rate.

Income Tax Expense

Income tax expense for the six months ended June 30, 2019 was \$8.1 million, representing an effective rate of 29.3%, compared to income tax expense of \$11.3 million, or 30.9%, for the six months ended June 30, 2018. The rate in the 2019 period includes the impact of the \$6.0 million one-time, non-deductible payment as discussed further in Note 4 of the condensed consolidated financial statements. The rate in the 2018 period includes \$1.2 million of non-recurring expense related to the finalization of the provision estimates resulting from the adoption of the U.S. Tax Cut and Jobs Act (the "TCJA"), which increased the effective rate by 330 basis points.

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 June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
(Dollars in millions)				
Net sales	\$ 161.5	\$ 166.2	\$ 326.8	\$ 327.1
Segment operating income	\$ 11.3	\$ 13.5	\$ 24.4	\$ 26.0
Segment operating income margin	7.0%	8.1%	7.5%	7.9%

Three months ended June 30:

Net sales decreased 2.8% in the three months ended June 30, 2019 compared to the 2018 period due primarily to lower customer demand in certain end markets, including the Company's consumer products market, which was down 25% year-over-year, and the Company's semiconductor market, which was down 19% year-over-year. These decreases were partially offset by higher customer demand in the Company's truck and truck-related market, which was up 18% year-over-year, and the Company's aerospace and defense market, which was up 10% year-over-year. Overall, the segment experienced lower demand in Asia and Europe in the three months ended June 30, 2019 compared to a year ago.

Segment operating income decreased by \$2.2 million due primarily to the impact of lower sales in the 2019 period compared to the same period a year ago. Segment operating income margin was down 110 basis points in the 2019 period compared to a year ago, driven by lower profit flow-through from the lower sales levels, unfavorable sales mix and an increase in product costs from both general inflation and tariffs on Chinese imported products.

Six months ended June 30:

Net sales were consistent at approximately \$327 million for the six months ended June 30, 2019 compared to the 2018 period due primarily to lower customer demand in certain end markets, including the Company's consumer products market, which was down 16% year-over-year, and the Company's semiconductor market, which was down 24% year-over-year. These decreases were offset by higher customer demand in the Company's truck and truck-related market, which was up 26% year-over-year, and the Company's aerospace and defense market, which was up 15% year-over-year. Overall, the segment experienced lower demand in Asia and Europe in the six months ended June 30, 2019 compared to a year ago.

Segment operating income decreased by \$1.6 million, and segment operating income margin was down 40 basis points, in the 2019 period compared to the same period a year ago, due primarily to unfavorable sales mix and an increase in product costs from both general inflation and tariffs on Chinese imported products.

Assembly Components Segment

	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
(Dollars in millions)				
Net sales	\$ 136.3	\$ 153.2	\$ 274.6	\$ 298.6
Segment operating income	\$ 8.3	\$ 11.7	\$ 16.6	\$ 24.3
Segment operating income margin	6.1%	7.6%	6.0%	8.1%

Three months ended June 30:

Net sales decreased 11.0% in the three months ended June 30, 2019 compared to the 2018 period due primarily to lower sales volumes in our fuel products line, caused by lower year-over-year sales from our facilities in Asia; anticipated end-of-life

programs; slower than anticipated ramp up in sales in our two new plants in China; and the impact of lower global auto production.

Segment operating income in the 2019 period decreased by \$3.4 million, and segment operating income margin decreased to 6.1% from 7.6% in the corresponding period of 2018. These decreases were due primarily to the lower sales volumes noted above, \$1.7 million of costs related to the closure of two facilities, unfavorable sales mix and costs related to new business launch costs. As a result of the reduced sales volumes in this segment, during the first quarter of 2019, the Company initiated several cost reduction actions to improve profitability, including the closure and consolidation of two manufacturing facilities.

Six months ended June 30:

Net sales decreased 8.0% in the 2019 period compared to the 2018 period due primarily to lower sales volumes in our fuel products line, caused by lower year-over-year sales from our facilities in Asia, and lower sales volumes in certain programs in our aluminum products business.

Segment operating income in the 2019 period decreased by \$7.7 million, and segment operating income margin decreased to 6.0% from 8.1% in the corresponding period of 2018. These decreases were due primarily to the lower sales volumes noted above, \$3.0 million of costs related to the closure of two facilities, unfavorable sales mix and costs related to new business launch costs. As a result of the reduced sales volumes in this segment, during the first quarter of 2019, the Company initiated several cost reduction actions to improve profitability, including the closure and consolidation of two manufacturing facilities.

Engineered Products Segment

	Three Months Ended June 30,		Six Months Ended June 30,	
	2019	2018	2019	2018
	(Dollars in millions)			
Net sales	\$ 117.5	\$ 112.8	\$ 234.0	\$ 212.2
Segment operating income	\$ 11.5	\$ 9.5	\$ 19.6	\$ 15.2
Segment operating income margin	9.8%	8.4%	8.4%	7.2%

Three months ended June 30:

Net sales were 4.2% higher in the 2019 period compared to the 2018 period. The increase was due to organic growth driven by increased customer demand for our induction heating systems, our aftermarket parts and services, and our aerospace and rail forgings. Sales also benefited from our May 2019 acquisition of EP.

Segment operating income in the 2019 period increased by \$2.0 million and segment operating income margin improved by 140 basis points compared to the corresponding 2018 period. These increases were driven by the profit flow-through from the higher sales in the 2019 quarter compared to the same quarter a year ago and favorable sales mix.

Six months ended June 30:

Net sales were 10.3% higher in the 2019 period compared to the 2018 period. The increase was due to organic growth driven by increased customer demand for our induction heating systems, our aftermarket parts and services, our aerospace and rail forgings, and the acquisitions of Canton Drop Forge ("CDF") in February 2018 and EP in May 2019.

Segment operating income in the 2019 period increased by \$4.4 million and segment operating income margin improved by 120 basis points compared to the corresponding 2018 period. These increases were driven by the profit flow-through from the higher sales in the 2019 period compared to the same period a year ago and favorable sales mix.

Liquidity and Capital Resources

The following table summarizes the major components of cash flow:

	Six Months Ended June 30,		
	2019	2018	\$ Change
Net cash provided (used) by:	(In millions)		
Operating activities	\$ 2.8	\$ (1.3)	\$ 4.1
Investing activities	(28.3)	(55.1)	26.8
Financing activities	14.8	64.6	(49.8)
Effect of exchange rate changes on cash	0.3	(2.6)	2.9
(Decrease) increase in cash and cash equivalents	\$ (10.4)	\$ 5.6	\$ (16.0)

Operating Activities

Cash provided by operating activities increased from the comparable period in the prior year, as more efficient working capital usage in 2019 more than offset higher profitability in 2018. The 2019 period includes the \$6.0 million one-time payment as discussed further in Note 4 of the condensed consolidated financial statements.

Investing Activities

Capital expenditures were \$20.7 million for the six months ended June 30, 2019, and were primarily to fund growth and maintain operations. In the comparable period of 2018, we had \$22.3 million of capital expenditures. In the first six months of 2019, we spent cash of \$7.6 million for the EP acquisition, and in the 2018 period, we spent cash of \$35.6 million for the CDF acquisition.

Financing Activities

During the six months ended June 30, 2019, we had net debt borrowings of \$22.4 million to fund the acquisition of EP and a portion of our working capital needs. In the comparable period of 2018, we had net debt borrowings of \$71.9 million, primarily to fund the CDF acquisition and due to higher working capital levels.

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 9 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 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 shares.

As of June 30, 2019, we had \$192.7 million outstanding under our revolving credit facility, approximately \$178.5 million of unused borrowing availability, and cash and cash equivalents of \$45.3 million.

The Company had cash and cash equivalents held by foreign subsidiaries of \$35.7 million at June 30, 2019 and \$46.2 million at December 31, 2018. 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.

In connection with the enactment of the TCJA, the Company has recorded a transition tax related to previously-unremitted earnings. Notwithstanding the U.S. taxation of these amounts, we intend to continue to invest all of these earnings, as well as our capital in these subsidiaries, indefinitely outside of the U.S. and do not expect to incur any significant additional taxes related to such amounts.

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 revolving credit facility from \$350.0 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 to \$30.0 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.

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 \$17.5 million were borrowed under the Lease Agreement to acquire machinery and equipment as of June 30, 2019.

Covenants

The future availability of bank borrowings under the revolving credit facility provided by the Credit Agreement is based on our ability to meet a debt service ratio covenant, which could be materially impacted by negative economic trends. Failure to meet the debt service ratio covenant could materially impact the availability and interest rate of future borrowings.

Our debt service coverage ratio must be greater than 1.0 and not less than 1.15 for any two consecutive fiscal quarters. At June 30, 2019, our debt service coverage ratio was 1.9; therefore, we were in compliance with the debt service coverage ratio covenant in the revolving credit facility provided by the Credit Agreement. The debt service coverage ratio is calculated at the end of each fiscal quarter based on the following ratio: (1) the most recently ended four fiscal quarters of consolidated EBITDA, as defined in the Credit Agreement, minus cash taxes paid, minus unfunded capital expenditures, plus cash tax refunds; to (2) consolidated debt charges, which are consolidated cash interest expense, plus scheduled principal payments on indebtedness, plus scheduled reductions in our term debt as defined in the Credit Agreement.

We were also in compliance with the other covenants contained in the revolving credit facility as of June 30, 2019. While we expect to remain in compliance throughout 2019, declines in sales volumes in the future 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, 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 of \$3.2 million during the six months ended June 30, 2019. In July 2019, our Board of Directors declared a quarterly dividend of \$0.125 per common share. The dividend will be paid on August 27, 2019 to

shareholders of record as of the close of business on August 13, 2019 and will result in a cash outlay of approximately \$1.6 million. Although we currently intend to pay a quarterly dividend on an ongoing basis, all future dividend declarations are at the discretion of our Board of Directors and dependent upon then-existing conditions, including our operating results and financial condition, capital requirements, contractual restrictions, business prospects and other factors that our Board of Directors may deem relevant.

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, 2018, both contained in our Annual Report on Form 10-K for the year ended December 31, 2018. 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: 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; 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 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; 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 other factors we describe under "Item 1A. Risk Factors" included in the Company's Annual Report on Form 10-K for the year ended December 31, 2018. 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 inclusion of a forward-looking statement herein should not be regarded as a representation by us that our plans and objectives will be achieved.

Item 3. *Quantitative and Qualitative Disclosure About Market Risk*

We are exposed to market risk, including changes in interest rates. As of June 30, 2019, 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 \$1.0 million during the six-month period ended June 30, 2019.

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 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.

Except as set forth below, during the quarter ended June 30, 2019, 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 June 30, 2019:

We were a co-defendant in approximately 111 cases asserting claims on behalf of approximately 214 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 minimums 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 three asbestos cases, involving 19 plaintiffs, that plead specified damages against named defendants. In each of the three 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.

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, 2018.

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 June 30, 2019.

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)
April 1 — April 30, 2019	1,796 (2)	\$ 35.50	—	382,685
May 1 — May 31, 2019	61,055 (2)	34.58	27,069	355,616
June 1 — June 30, 2019	17,612 (2)	32.46	—	355,616
Total	80,463	\$ 34.14	27,069	355,616

(1) On March 4, 2013, 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 53,394 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	XBRL Instance Document
101.SCH	XBRL Taxonomy Extension Schema Document
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document
101.LAB	XBRL Taxonomy Extension Label Linkbase Document
101.PRE	XBRL Taxonomy Extension Presentation Linkbase 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)

By: /s/ Patrick W. Fogarty

Name: Patrick W. Fogarty

Title: Vice President and Chief Financial Officer
(Principal Financial and Accounting Officer)

Date: August 8, 2019

**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;
 - b. 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):
 - a. 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: August 8, 2019

**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;
 - b. 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):
 - a. 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: August 8, 2019

**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 June 30, 2019, 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: August 8, 2019

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.

