UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

F	n'	R	М	1	1 -	K

☑ ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2022

or

TRANSITION REPORT PURSUANT TO SECTION 15 (d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from

to

Commission file number 0-3134

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

PARK-OHIO INDUSTRIES, INC. 401(K) RETIREMENT PLAN

B. Name of issuer of the securities held pursuant to the plan and the address of its principal executive office:

PARK-OHIO HOLDINGS CORP.

6065 Parkland Boulevard CLEVELAND, OHIO 44124

INDEX

	PAGE (S)
Report of Independent Registered Public Accounting Firm	<u>F-1</u>
FINANCIAL STATEMENTS	
Statements of Net Assets Available for Benefits Statement of Changes in Net Assets Available for Benefits Notes to Financial Statements	<u>F-2</u> <u>F-3</u> <u>F-4</u> <u>F-8</u>
SUPPLEMENTAL SCHEDULE	
Schedule H, Line 4i—Schedule of Assets (Held at End of Year)	<u>F-10</u> — <u>F-11</u>

EXHIBITS

Exhibit		
Number	Description	

23.1 Consent of Independent Registered Public Accounting Firm, Bober, Markey, Fedorovich & Company

SIGNATURES

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the trustees (or other persons who administer the employee benefit plan) have duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

Park-Ohio Industries, Inc. 401(K) Retirement Plan

Date: June 22, 2023

/s/ Patrick W. Fogarty

Name: Patrick W. Fogarty

Vice President and Chief Financial Officer Title:

Table of Contents

AUDITED FINANCIAL STATEMENTS AND SUPPLEMENTAL SCHEDULE

Park-Ohio Industries, Inc. 401(K) Retirement Plan December 31, 2022 and 2021 and Year Ended December 31, 2022 With Report of Independent Registered Public Accounting Firm Report of Independent Registered Public Accounting Firm

Park-Ohio Industries, Inc. 401(K) Retirement Plan

Audited Financial Statements and Supplemental Schedules

December 31, 2022 and 2021

Contents

<u>F-1</u>

Financial Statements	
Statements of Net Assets Available for Benefits Statement of Changes in Net Assets Available for Benefits Notes to Financial Statements	<u>F-2</u> <u>F-3</u> <u>F-4</u>
Supplemental Schedule	
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)	<u>F-10</u>

Other supplemental schedules required by Section 2520.103-10 of the Department of Labor Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

The Plan Administrative Committee Park-Ohio Industries, Inc. 401(K) Retirement Plan Cleveland, Ohio

Opinion on the Financial Statements

We have audited the accompanying Statements of Net Assets Available for Benefits of the Park-Ohio Industries, Inc. 401(K) Retirement Plan (the "Plan") as of December 31, 2022 and 2021 and the related Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2022 and the related notes (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in net assets available for benefits for the year ended December 31, 2022, in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on the Plan's financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Plan in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion

Supplemental Information

The supplemental information in the accompanying Schedule of Assets (Held at End of Year) as of December 31, 2022 has been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The supplemental information is the responsibility of the Plan's management. Our audit procedures included determining whether the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information, we evaluated whether the supplemental information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the financial statements as a whole

We have served as the Company's auditor since 2015.

/s/ BOBER, MARKEY, FEDOROVICH & COMPANY

Akron, Ohio

June 22, 2023

Statements of Net Assets Available for Benefits

	December 31,		
	2022		2021
Assets	 	_	
Participant-directed investments, at fair value	\$ 138,720,072	\$	171,753,615
Receivables:			
Notes receivable from participants, net of allowance	2,102,142		2,241,905
Employer contributions	510,553		536,810
Employee contributions	805,011		889,363
Total receivables	 3,417,706		3,668,078
Liabilities			
Funds pending settlement	1,074,534		34,677
Net assets available for benefits	\$ 141,063,244	\$	175,387,016

 $See\ accompanying\ notes.$

Statement of Changes in Net Assets Available for Benefits

Year Ended December 31, 2022

	ons

Investment income:	
Dividends and interest	\$ 3,376,989
Interest income on notes receivable from participants	94,430
Total investment income	3,471,419
Contributions:	
Participants	10,683,088
Rollovers	29,675
Employer	 510,553
	11,223,316
Total additions	14,694,735
Deductions	
Net depreciation in fair value of investments	34,323,046
Distributions to participants	14,567,123
Corrective distributions	60,401
Trustee fees and expenses	 67,937
Total deductions	 49,018,507
Net decrease	(34,323,772)
Net assets available for benefits:	
Beginning of year	 175,387,016
End of year	\$ 141,063,244

See accompanying notes.

Notes to Financial Statements

December 31, 2022 and 2021 and Year Ended December 31, 2022

1. Significant Accounting Policies

Basis of Accounting

The accounting records of Park-Ohio Industries, Inc. 401(K) Retirement Plan (the "Plan") are maintained on the accrual basis in accordance with accounting principles generally accepted in the United States ("GAAP").

Investment Value and Income Recognition

All investments are under the control and management of The Charles Schwab Trust Company (the "Plan Trustee"). Purchases of investments are recorded at cost and revalued to market value at the close of each business day by the Plan Trustee. All investments of the Plan are participant directed.

Investment income and realized and unrealized gains and losses are reported as net income derived from investment activities and are allocated among the individual accounts in proportion to their respective balances immediately preceding the valuation date.

Realized gains and losses are calculated based upon historical cost of securities using the average cost method.

Purchases and sales of securities are recorded on a settlement-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates that affect the amounts reported in the financial statements and accompanying notes and supplemental schedules. Actual results could differ from those estimates.

Notes to Financial Statements (continued)

2. Description of Plan

The Plan, adopted by Park-Ohio Industries, Inc. (the "Company"), a wholly-owned subsidiary of Park-Ohio Holdings Corp., was originally effective January 1, 1985 and last amended and restated on November 16, 2020 and is a defined contribution plan. The Plan generally provides that an employee who is in service of a division or group to which the Company has extended eligibility for membership in the Plan (other than a temporary employee or employees covered by a collective bargaining agreement that does not specify coverage under the Plan) will be eligible to participate after completion of the probationary period which generally occurs after 30 days of continuous employment. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended ("ERISA").

Individual accounts are maintained for all participants. All amounts are credited or charged to an account in terms of full and fractional investment units at the investment unit values determined as of the transaction date. Each participant designates how his share of the contributions is to be allocated among the investment funds of the Plan. The benefit to which a participant is entitled is the benefit that can be provided from the participant's account.

The Plan provides for contributions to be made to the Plan pursuant to a qualified cash or deferred arrangement under Section 401(k) of the Internal Revenue Code (the "Code"). If a participant elects to have contributions made for the participant pursuant to such an arrangement, the participant's compensation is reduced by the amount of such contributions elected and the employer makes plan contributions equal to the amount of the reduction.

The Company may terminate the Plan at any time by resolution of its Board of Directors, subject to the provisions of ERISA. In the event of the termination of the Plan, the beneficial interests of all participants under the Plan shall become fully vested.

Information about the Plan is contained in the Plan document, which is available from the Company's Plan Administrative Committee.

3. Contributions

Contributions by employees to the Plan are made via payroll deductions. Employees may contribute up to 80% of their compensation on a pretax basis. Excluding catch-up contributions for eligible participants, contributions by employees may not exceed \$20,500, the Internal Revenue Service maximum contribution for 2022. Employee contributions are fully vested and nonforfeitable at all times.

The Plan provides for discretionary uniform rates of employer contributions for eligible employees, which generally include nonbargaining unit employees of the Company. Any such contribution is allocated among the investment options based on individual participant's investment allocation designation. During March 2009, the Company indefinitely suspended its contributions to the Plan for non-Fluid Routing Solutions ("FRS") employees.

For FRS employees, the Company may make matching contributions and discretionary contributions. As amended January 1, 2018, for non-union employees, the Company may match 37.5% of the first 12% of employee contributions. Effective January 1, 2011, the Company match was eliminated for union employees in accordance with the collective bargaining agreement. The matching contributions for non-union employees are subject to Company approval. Additional discretionary amounts may be contributed at the option of the Company's management. As of December 31, 2022, the Company has accrued \$510,553 of matching contributions for non-union employees.

Corrective distributions to participants represent current year contributions and earnings on such deposits that must be returned to employees to ensure Plan compliance with additional limitations in the Code on contributions by highly compensated individuals.

Participants of the Plan can make changes to their account through Schwab Retirement Plan Services, Inc. The current provision of the system permits a participant to change investment allocation percentages daily and change payroll deferral percentages on the first day of every month.

4. Notes Receivable from Participants

A participant may borrow from contributions and earnings a minimum of \$1,000 and a maximum of the lesser of 50% of the participant's eligible account or \$50,000. Loan repayments are made via payroll deductions on after-tax dollars, which commence thirty to sixty days after receipt and acceptance of the loan check. Terms of the participant loans are five years for a personal loan and fifteen years for a mortgage loan, with interest payable at prime plus 1%. Interest rates on participant loans at

Notes to Financial Statements (continued)

December 31, 2022 range from 4.25% to 8.50% with maturities of varying dates. These notes are reported at the unpaid principal balance plus accrued interest less an estimated provision for uncollectible loans. Notes are deemed distributions by the Plan when they are determined to be in default. An allowance for credit losses of \$67,393 and \$101,142 was recorded at December 31, 2022 and 2021, respectively, related to the loan balances of active participants that are in default and are believed to be uncollectable.

5. Fair Value Measurements

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (i.e., an exit price). The fair value hierarchy prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described below:

- Level 1 Unadjusted quoted prices in active markets that are accessible to the Plan at the measurement date for identical assets and liabilities.
- Level 2 Inputs other than quoted prices in active markets for identical assets and liabilities that are observable either directly or indirectly for substantially the full term of the asset or liability. Level 2 inputs include the following:
 - quoted prices for similar assets or liabilities in active markets;
 - · quoted prices for identical or similar asset or liabilities in markets that are not active;
 - observable inputs other than quoted prices that are used in the valuation of the assets or liabilities (e.g., interest rate and yield curve quotes at commonly quoted intervals); and
 - · inputs that are derived principally from or corroborated by observable market data by correlation or other means.
- Level 3 Unobservable inputs for the asset or liability (i.e., supported by little or no market activity).

Level 3 inputs include management's own assumption about the assumptions that market participants would use in pricing the asset or liability (including assumptions about risk). The Plan had no Level 3 investments as of December 31, 2022 and 2021 or during the year ended December 31, 2022.

The level in the fair value hierarchy within which the fair value measurement is classified is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

Following is a description of the valuation techniques and inputs used for each major class of assets measured at fair value.

Mutual funds and savings: Valued at the closing price reported on the active market on which the individual securities are traded.

Common/collective trusts: Valued at the NAV of shares held by the Plan at year end. Common/collective trusts are invested to earn returns that match or exceed U.S. or international equity indexes.

Common stock fund: Valued based on the underlying investments within the fund which comprise of Park-Ohio Holdings Corp. common stock and cash equivalents.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date. The Plan has not changed its valuation techniques for measuring fair value during the year ended December 31, 2022.

Notes to Financial Statements (continued)

The Plan's policy is to recognize significant transfers between levels at the actual date of the event or change in circumstances that caused the transfer. There were no transfers between levels during the years presented.

The following tables set forth by level, within the fair value hierarchy, the Plan's assets carried at fair value:

	Assets at Fair Value as of December 31, 2022				
	Level 1		Level 2		Total
Mutual funds	\$ 80,279,634	\$	_	\$	80,279,634
Schwab Bank Savings cash account	17,727,300		_		17,727,300
Common stock fund	_		2,319,945		2,319,945
Total assets in the fair value hierarchy	\$ 98,006,934	\$	2,319,945		100,326,879
Investments measured at Net Asset Value as practical expedient:					
Common/collective trusts					38,393,193
Total investments				\$	138,720,072

	Assets at	Fair V	alue as of December	31, 202	21
	 Level 1		Level 2		Total
Mutual funds	\$ 108,840,162	\$	_	\$	108,840,162
Schwab Bank Savings cash account	17,009,525		_		17,009,525
Common stock fund	 <u> </u>		1,897,071		1,897,071
Total assets in the fair value hierarchy	\$ 125,849,687	\$	1,897,071		127,746,758
Investments measured at Net Asset Value as practical expedient:					
Common/collective trusts					44,006,857
Total investments				\$	171,753,615

At December 31, 2022, the Plan had no unfunded commitments related to common/collective trust funds. The redemption of common/collective trust funds is subject to the preference of individual Plan participants and, with the exception of the American Funds Growth Fund of American R4 ("American Funds"), contains no restrictions on the timing of redemption; however, participant redemptions may be subject to certain redemption fees. The American Funds contain a restriction whereby, if a shareholder sells \$5,000 or more in shares, he or she is restricted from purchasing back into the investment for 30 days.

6. Benefits

A participant is entitled to receive the full value of his or her account upon (1) normal retirement at age 65; (2) attainment of at least age 55 and 10 years of service; (3) death, or total and permanent disability as determined by the plan administrator upon the basis of competent medical opinion, or (4) termination of employment after six years of credited service. Such benefits may be paid in a lump sum cash payment, an elective installment option or an elective annuity option. Distributions to participants are recognized when paid.

In the event of termination of employment, a participant has a vested right in the participant's share of the Company's contributions determined as follows:

Notes to Financial Statements (continued)

Credited Vesting Service (non-FRS employees)	Vested Percentage
Less than 2 years	0 %
At least 2 years but less than 3 years	20 %
At least 3 years but less than 4 years	40 %
At least 4 years but less than 5 years	60 %
At least 5 years but less than 6 years	80 %
6 years or more	100 %
Credited Vesting Service (FRS employees)	Vested Percentage
Employer matching contributions are subject to the following vesting schedule:	
Less than 2 years	_
2 years and after	100 %
Discretionary contributions are subject to the following vesting schedule:	
T 41 2	
Less than 3 years	_

The portion of the Company's contributions that are not vested in such terminated participants will generally be forfeited and may be used to reduce the Company's obligations to the Plan. The total forfeited contributions by participants of the Plan was \$13,747 during 2022. Forfeited non-vested accounts to be used to reduce Company obligations to the Plan in future years as of December 31, 2022 and 2021, were \$437 and \$13,823, respectively.

A participant may withdraw a portion of the participant's contributions in cash subject to certain limitations and restrictions. The hardship withdrawal may be used to purchase a principal residence, avoid foreclosure on a mortgage or eviction, or pay bona fide medical, education, funeral or repair of residence expenditures.

7. Related-Party Transactions

Certain Plan investments are mutual funds, savings, or common collective trust funds managed by the Plan Trustee. Therefore, these transactions qualify as party in interest. The Plan pays for investment management, trustee and other plan administration fees which amounted to \$67,937 for the year ended December 31, 2022.

At December 31, 2022 and 2021, the Plan held 840,560 and 239,529 units of Park-Ohio Holdings Corp. common stock fund with a fair value of \$2,319,945 and \$1,897,071, respectively.

8. Income Tax Status

The Company received a determination letter from the Internal Revenue Service ("IRS") dated September 21, 2020 stating that the Plan is qualified under Section 401(a) of the Code. Subsequent to the Plan's September 21, 2020 execution, the Plan was amended and restated November 16, 2020. The Plan administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes the Plan is qualified and the related trust is tax exempt as of December 31, 2022.

GAAP requires plan management to evaluate uncertain tax positions taken by the Plan. The financial statement effects of a tax position are recognized when the position is more likely than not, based on the technical merits, to be sustained upon examination by the IRS. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022, there are no uncertain positions taken or expected to be taken. The Plan has recognized no interest or penalties related to uncertain tax positions. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits in progress for any tax periods.

9. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market volatility and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

Supplemental Schedule

Park-Ohio Industries, Inc. 401(K) Retirement Plan

EIN #34-6520107 Plan #011

Schedule H, Line 4i – Schedule of Assets (Held at End of Year)

December 31, 2022

Common Stock Fund * Park-Ohio Holdings Corp. 840,560 units of Park-Ohio Stock Fund ** \$ 2,319,945 Mutual Funds 315,684 shares of Growth Fund of America R4 ** 15,446,437 * Schwab 223,982 shares of \$80 londex Fund ** 13,161,186 American Funds 204,203 shares of Washington Mutual Investors Fund Class R-4 ** 10,542,980 Metropolitan West 825,075 shares of Metropolitan West Total Return BD ** 7,466,929 Oakmark 240,420 shares of Mass Mutual Select Midcap GWTH EQ II R5 ** 4,299,372 Templeton 285,686 shares of World Fund Class A ** 3,259,683 T Rowe Price 118,416 shares of T Rowe Price New Horizons Fund ** 5,486,202 Vanguard 18,257 shares of Vanguard Mid Cap Index Fund Admiral ** 4,609,258 Goldman Sachs 72,598 shares of Goldman Sachs Small-Cap Value Instruments ** 3,049,102 Dodge & Cox 46,887 shares of Europacific Growth Fund Class R-4 ** 1,950,269 T Rowe Price 32,2687 shares of T Ewe Price Retirement 2030 Fund ** 2,01,288 Ameri	(a)	(b) Identity of Issuer, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity value	(d) Cost	(e)	Current Value
Mutual Funds American Funds 315,684 shares of Growth Fund of America R4 ** 15,446,43* * Schwab 223,982 shares of S&P 500 Index Fund ** 13,161,186 American Funds 204,203 shares of Washington Mutual Investors Fund Class R-4 ** 10,542,980 Metropolitan West 825,075 shares of Metropolitan West Total Return BD ** 7,466,929 Oakmark 240,420 shares of Equity and Income Fund Class I ** 7,975,561 Mass Mutual 251,425 shares of Mass Mutual Select Midcap GWTH EQ II R5 ** 42,299,372 Templeton 285,686 shares of World Fund Class A ** 32,259,683 T Rowe Price 118,416 shares of T Rowe Price New Horizons Fund ** 5,486,202 Vanguard 18,257 shares of Vanguard Mid Cap Index Fund Admiral ** 4,609,258 Goldman Sachs 72,598 shares of Goldman Sachs Shares Of Coldman Sachs Shares of Dodge & Cox International Stock Fund ** 30,491,02 Dodge & Cox 46,887 shares of Funder Fire Certification of the West Cox International Stock Fund ** 19,50,269 T Rowe Price 32,687 shares of T Rowe Price Retirement 200 Fund ** 714,529 T Rowe Price 19,982 shares of T Rowe Price Retirement 200 Fund ** 216,641		Common Stock Fund				
American Funds 315,684 shares of Growth Fund of America R4 ** 15,446,437 * Schwab 223,982 shares of S&P 500 Index Fund ** 13,161,186 American Funds 204,203 shares of Washington Mutual Investors Fund Class R-4 ** 10,542,980 Metropolitan West 825,075 shares of Metropolitan West Total Return BD ** 7,666,029 Oakmark 240,420 shares of Equity and Income Fund Class I ** 7,075,561 Mass Mutual 251,425 shares of Mass Mutual Select Midcap GWTH EQ II R5 ** 4,299,372 Templeton 285,686 shares of Vorld Fund Class A ** 3,259,683 T Rowe Price 118,416 shares of T Rowe Price New Horizons Fund ** 5,486,202 Vanguard 118,225 shares of T Rowe Price New Horizons Fund Admiral ** 4,4609,258 Goldman Sachs 72,598 shares of T Rowe Price New Horizons Fund ** 3,049,102 Dodge & Cox 46,887 shares of Dodge & Cox International Stock Fund ** 1,900,269 T Rowe Price 32,687 <	*	Park-Ohio Holdings Corp.	840,560 units of Park-Ohio Stock Fund	**	\$	2,319,945
Steing		Mutual Funds				
American Funds 223,928 shares of Washington Mutual Investors Fund Class R-4 ** 10,542,980		American Funds	315,684 shares of Growth Fund of America R4	**		15,446,437
Metropolitan West 825,075 shares of Metropolitan West Total Return BD ** 7,466,929 Oakmark 240,420 Shares of Equity and Income Fund Class I ** 7,075,561 Mass Mutual 251,425 shares of Mass Mutual Select Midcap GWTH EQ II R5 ** 4,299,372 Templeton 285,686 shares of World Fund Class A ** 3,259,683 T Rowe Price 118,416 shares of T Rowe Price New Horizons Fund ** 5,486,202 Vanguard 18,257 shares of Vanguard Mid Cap Index Fund Admiral ** 46,09,258 Goldman Sachs 72,598 shares of Coldman Sachs Small-Cap Value Instruments ** 3,049,102 Dodge & Cox 46,887 shares of Dodge & Cox International Stock Fund ** 2,021,288 American Funds 40,758 shares of Europacific Growth Fund Class R-4 ** 1,950,269 T Rowe Price 32,687 shares of T Rowe Price Retirement 2030 Fund ** 714,529 T Rowe Price 19,982 shares of T Rowe Price Retirement 2020 Fund ** 216,641 T Rowe Price 4,719 shares of T Rowe Price Retirement 2025 Fund ** 278,971 T Rowe Price 2,743 shares of T Rowe Price Retire	*	Schwab	223,982 shares of S&P 500 Index Fund	**		13,161,186
Netrotopointal West 525,075 shares of Equity and Income Fund Class I ** 7,400,925 Oakmark 240,420 Shares of Equity and Income Fund Class I ** 7,075,561 Mass Mutual 251,425 shares of Mass Mutual Select Midcap GWTH EQ II R5 ** 4,299,372 Templeton 285,686 shares of World Fund Class A ** 3,259,683 T Rowe Price 118,416 shares of T Rowe Price New Horizons Fund ** 5,486,202 Vanguard 18,257 shares of Vanguard Mid Cap Index Fund Admiral ** 4,609,258 Goldman Sachs 72,598 shares of Goldman Sachs Small-Cap Value Instruments ** 3,049,102 Dodge & Cox 46,887 shares of Dodge & Cox International Stock Fund ** 2,021,288 American Funds 40,758 shares of Europacific Growth Fund Class R-4 ** 1,950,269 T Rowe Price 32,687 shares of T Rowe Price Retirement 2030 Fund ** 714,529 T Rowe Price 12,942 shares of T Rowe Price Retirement 2020 Fund ** 216,641 T Rowe Price 19,082 shares of T Rowe Price Retirement 2025 Fund ** 278,971 T Rowe Price 2,743 shares of T Rowe Price Retire		American Funds	204,203 shares of Washington Mutual Investors Fund Class R-4	**		10,542,980
Mass Mutual 251,425 shares of Mass Mutual Select Midcap GWTH EQ II R5 ** 4,299,372 Templeton 285,686 shares of World Fund Class A ** 3,259,683 T Rowe Price 118,416 shares of T Rowe Price New Horizons Fund ** 5,486,202 Vanguard 18,257 shares of Vanguard Mid Cap Index Fund Admiral ** 4,609,258 Goldman Sachs 72,598 shares of Goldman Sachs Small-Cap Value Instruments ** 3,049,102 Dodge & Cox 46,887 shares of Dodge & Cox International Stock Fund ** 2,021,288 American Funds 40,758 shares of Europacific Growth Fund Class R-4 ** 1,950,269 T Rowe Price 32,687 shares of T Rowe Price Retirement 2030 Fund ** 174,529 T Rowe Price 12,942 shares of T Rowe Price Retirement 2020 Fund ** 216,641 T Rowe Price 19,082 shares of T Rowe Price Retirement 2025 Fund ** 278,971 T Rowe Price 4,719 shares of T Rowe Price Retirement 2016 Fund ** 374,995 T Rowe Price 21,955 shares of T Rowe Price Retirement 2015 Fund ** 374,995 T Rowe Price 2,194 shares of T Rowe Price Retiremen		Metropolitan West	825,075 shares of Metropolitan West Total Return BD	**		7,466,929
Templeton 285,686 shares of World Fund Class A ** 3,259,683 T Rowe Price 118,416 shares of T Rowe Price New Horizons Fund ** 4,609,258 Vanguard 18,257 shares of Vanguard Mid Cap Index Fund Admiral ** 4,609,258 Coldman Sachs 72,598 shares of Coldman Sachs Small-Cap Value Instruments ** 3,049,102 Dodge & Cox 46,887 shares of Dodge & Cox International Stock Fund ** 2,021,288 American Funds 40,758 shares of Europacific Growth Fund Class R-4 ** 1,950,269 T Rowe Price 32,687 shares of T Rowe Price Retirement 2030 Fund ** 714,529 T Rowe Price 12,942 shares of T Rowe Price Retirement 2020 Fund ** 278,971 T Rowe Price 19,082 shares of T Rowe Price Retirement 2025 Fund ** 278,971 T Rowe Price 4,719 shares of T Rowe Price Retirement 2040 Fund ** 37,027 T Rowe Price 2,743 shares of T Rowe Price Retirement 2010 Fund ** 37,027 T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund ** 37,495 T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund ** 24,640 T Rowe Price 2,194 shares of T Rowe Price Retirement 205 Fund ** 24,640 T Rowe Price 2,194 shares of T Rowe Price Retirement 205 Fund ** 24,640 T Rowe Price 2,619 shares of T Rowe Price Retirement 205 Fund ** 59,039 T Rowe Price 4,038 shares of T Rowe Price Retirement 205 Fund ** 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 205 Fund ** 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 205 Fund ** 32,945 T Rowe Price 2,163 shares of T Rowe Price Retirement 205 Fund ** 32,945 T Rowe Price 2,163 shares of T Rowe Price Retirement 205 Fund ** 32,945 T Rowe Price 2,163 shares of T Rowe Price Retirement 205 Fund ** 32,945 T Rowe Price 2,163 shares of T Rowe Price Retirement 205 Fund ** 32,945 T Rowe Price 2,163 shares of T Rowe Price Retirement 205 Fund ** 32,9		Oakmark	240,420 Shares of Equity and Income Fund Class I	**		7,075,561
T Rowe Price 118,416 shares of T Rowe Price New Horizons Fund ** 5,486,202 Vanguard 18,257 shares of Vanguard Mid Cap Index Fund Admiral ** 4,609,258 Goldman Sachs 72,598 shares of Coldman Sachs Small-Cap Value Instruments ** 3,049,102 Dodge & Cox 46,887 shares of Dodge & Cox International Stock Fund ** 2,021,288 American Funds 40,758 shares of Europacific Growth Fund Class R-4 ** 1,950,269 T Rowe Price 32,687 shares of T Rowe Price Retirement 2030 Fund ** 714,529 T Rowe Price 12,942 shares of T Rowe Price Retirement 2020 Fund ** 216,641 T Rowe Price 19,082 shares of T Rowe Price Retirement 2025 Fund ** 278,971 T Rowe Price 4,719 shares of T Rowe Price Retirement 2040 Fund ** 115,277 T Rowe Price 2,743 shares of T Rowe Price Retirement 2010 Fund ** 37,027 T Rowe Price 21,955 shares of T Rowe Price Retirement 2035 Fund ** 374,995 T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund ** 374,995 T Rowe Price 2,619 shares of T Rowe Price Retir		MassMutual	251,425 shares of MassMutual Select Midcap GWTH EQ II R5	**		4,299,372
Vanguard 18,257 shares of Vanguard Mid Cap Index Fund Admiral ** 4,609,258 Goldman Sachs 72,598 shares of Goldman Sachs Small-Cap Value Instruments ** 3,049,102 Dodge & Cox 46,887 shares of Dodge & Cox International Stock Fund ** 2,021,288 American Funds 40,758 shares of Europacific Growth Fund Class R-4 ** 1,950,269 T Rowe Price 32,687 shares of T Rowe Price Retirement 2030 Fund ** 714,529 T Rowe Price 12,942 shares of T Rowe Price Retirement 2020 Fund ** 216,641 T Rowe Price 19,082 shares of T Rowe Price Retirement 2025 Fund ** 278,971 T Rowe Price 4,719 shares of T Rowe Price Retirement 2040 Fund ** 115,277 T Rowe Price 2,743 shares of T Rowe Price Retirement 2010 Fund ** 37,027 T Rowe Price 21,955 shares of T Rowe Price Retirement 2015 Fund ** 374,995 T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund ** 374,995 T Rowe Price 2,619 shares of T Rowe Price Retirement 2050 Fund ** 45,233 T Rowe Price 4,038 shares of T Rowe Price Retirem		Templeton	285,686 shares of World Fund Class A	**		3,259,683
Goldman Sachs 72,598 shares of Goldman Sachs Small-Cap Value Instruments * 3,049,102 Dodge & Cox 46,887 shares of Dodge & Cox International Stock Fund * 2,021,288 American Funds 40,758 shares of Europacific Growth Fund Class R-4 * 1,950,269 T Rowe Price 32,687 shares of T Rowe Price Retirement 2030 Fund * 714,529 T Rowe Price 12,942 shares of T Rowe Price Retirement 2020 Fund * 216,641 T Rowe Price 19,082 shares of T Rowe Price Retirement 2025 Fund * 115,277 T Rowe Price 4,719 shares of T Rowe Price Retirement 2040 Fund * 115,277 T Rowe Price 2,743 shares of T Rowe Price Retirement 2010 Fund * 37,027 T Rowe Price 21,955 shares of T Rowe Price Retirement 2035 Fund * 374,995 T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund * 24,640 T Rowe Price 4,038 shares of T Rowe Price Retirement 2045 Fund * 24,640 T Rowe Price 4,038 shares of T Rowe Price Retirement 205 Fund * 59,039 T Rowe Price 4,038 shares of T Rowe Price Retirement 2055 Fund * 59,039 T Rowe Price 4,038 shares of T Rowe Price Retirement 2055 Fund * 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 2055 Fund * 32,945		T Rowe Price	118,416 shares of T Rowe Price New Horizons Fund	**		5,486,202
Dodge & Cox		Vanguard	18,257 shares of Vanguard Mid Cap Index Fund Admiral	**		4,609,258
American Funds 40,758 shares of Europacific Growth Fund Class R-4 ** 1,950,269 T Rowe Price 32,687 shares of T Rowe Price Retirement 2030 Fund ** 714,529 T Rowe Price 12,942 shares of T Rowe Price Retirement 2020 Fund ** 216,641 T Rowe Price 19,082 shares of T Rowe Price Retirement 2025 Fund ** 278,971 T Rowe Price 4,719 shares of T Rowe Price Retirement 2040 Fund ** 115,277 T Rowe Price 2,743 shares of T Rowe Price Retirement 2010 Fund ** 37,027 T Rowe Price 21,955 shares of T Rowe Price Retirement 2035 Fund ** 374,995 T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund ** 24,640 T Rowe Price 2,619 shares of T Rowe Price Retirement 2045 Fund ** 45,233 T Rowe Price 4,038 shares of T Rowe Price Retirement 2050 Fund ** 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 2055 Fund ** 32,945		Goldman Sachs	72,598 shares of Goldman Sachs Small-Cap Value Instruments	**		3,049,102
Attended Funds 40,738 shares of Ethopachic Glowth Fund Class R44 1,950,269 T Rowe Price 32,687 shares of T Rowe Price Retirement 2030 Fund ** 714,529 T Rowe Price 12,942 shares of T Rowe Price Retirement 2020 Fund ** 216,641 T Rowe Price 19,082 shares of T Rowe Price Retirement 2025 Fund ** 278,971 T Rowe Price 4,719 shares of T Rowe Price Retirement 2040 Fund ** 115,277 T Rowe Price 2,743 shares of T Rowe Price Retirement 2010 Fund ** 37,027 T Rowe Price 21,955 shares of T Rowe Price Retirement 2035 Fund ** 374,995 T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund ** 24,640 T Rowe Price 2,619 shares of T Rowe Price Retirement 2045 Fund ** 45,233 T Rowe Price 4,038 shares of T Rowe Price Retirement 2050 Fund ** 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 2055 Fund ** 32,945		Dodge & Cox	46,887 shares of Dodge & Cox International Stock Fund	**		2,021,288
T Rowe Price 12,942 shares of T Rowe Price Retirement 2000 Fund ** 216,641 T Rowe Price 19,082 shares of T Rowe Price Retirement 2025 Fund ** 278,971 T Rowe Price 4,719 shares of T Rowe Price Retirement 2040 Fund ** 115,277 T Rowe Price 2,743 shares of T Rowe Price Retirement 2010 Fund ** 37,027 T Rowe Price 21,955 shares of T Rowe Price Retirement 2035 Fund ** 374,995 T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund ** 24,640 T Rowe Price 2,619 shares of T Rowe Price Retirement 2045 Fund ** 45,233 T Rowe Price 4,038 shares of T Rowe Price Retirement 2050 Fund ** 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 2055 Fund ** 32,945		American Funds	40,758 shares of Europacific Growth Fund Class R-4	**		1,950,269
T Rowe Price 19,082 shares of T Rowe Price Retirement 2025 Fund ** 278,971 T Rowe Price 4,719 shares of T Rowe Price Retirement 2040 Fund ** 115,277 T Rowe Price 2,743 shares of T Rowe Price Retirement 2010 Fund ** 37,027 T Rowe Price 21,955 shares of T Rowe Price Retirement 2035 Fund ** 374,995 T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund ** 24,640 T Rowe Price 2,619 shares of T Rowe Price Retirement 2045 Fund ** 45,233 T Rowe Price 4,038 shares of T Rowe Price Retirement 2050 Fund ** 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 2055 Fund ** 32,945		T Rowe Price	32,687 shares of T Rowe Price Retirement 2030 Fund	**		714,529
T Rowe Price 19,002 shares of T Rowe Price Retirement 2025 Fund 276,971 T Rowe Price 4,719 shares of T Rowe Price Retirement 2040 Fund ** 115,277 T Rowe Price 2,743 shares of T Rowe Price Retirement 2010 Fund ** 37,027 T Rowe Price 21,955 shares of T Rowe Price Retirement 2035 Fund ** 374,995 T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund ** 24,640 T Rowe Price 2,619 shares of T Rowe Price Retirement 2045 Fund ** 45,233 T Rowe Price 4,038 shares of T Rowe Price Retirement 2050 Fund ** 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 2055 Fund ** 32,945		T Rowe Price	12,942 shares of T Rowe Price Retirement 2020 Fund	**		216,641
T Rowe Price 4,719 shares of T Rowe Price Retirement 2040 Fund ** 37,027 T Rowe Price 21,955 shares of T Rowe Price Retirement 2015 Fund ** 374,995 T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund ** 24,640 T Rowe Price 2,619 shares of T Rowe Price Retirement 2045 Fund ** 45,233 T Rowe Price 4,038 shares of T Rowe Price Retirement 2050 Fund ** 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 2055 Fund ** 32,945		T Rowe Price	19,082 shares of T Rowe Price Retirement 2025 Fund	**		278,971
T Rowe Price 21,955 shares of T Rowe Price Retirement 2035 Fund ** 374,995 T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund ** 24,640 T Rowe Price 2,619 shares of T Rowe Price Retirement 2045 Fund ** 45,233 T Rowe Price 4,038 shares of T Rowe Price Retirement 2050 Fund ** 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 2055 Fund ** 32,945		T Rowe Price	4,719 shares of T Rowe Price Retirement 2040 Fund	**		115,277
T Rowe Price 21,933 shares of T Rowe Price Retirement 2015 Fund ** 24,640 T Rowe Price 2,619 shares of T Rowe Price Retirement 2045 Fund ** 45,233 T Rowe Price 4,038 shares of T Rowe Price Retirement 2050 Fund ** 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 2055 Fund ** 32,945		T Rowe Price	2,743 shares of T Rowe Price Retirement 2010 Fund	**		37,027
T Rowe Price 2,194 shares of T Rowe Price Retirement 2015 Fund 24,040 T Rowe Price 2,619 shares of T Rowe Price Retirement 2045 Fund ** 45,233 T Rowe Price 4,038 shares of T Rowe Price Retirement 2050 Fund ** 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 2055 Fund ** 32,945		T Rowe Price	21,955 shares of T Rowe Price Retirement 2035 Fund	**		374,995
T Rowe Price 4,038 shares of T Rowe Price Retirement 2050 Fund ** 59,039 T Rowe Price 2,163 shares of T Rowe Price Retirement 2055 Fund ** 32,945		T Rowe Price	2,194 shares of T Rowe Price Retirement 2015 Fund	**		24,640
T Rowe Price 2,163 shares of T Rowe Price Retirement 2055 Fund ** 32,945		T Rowe Price	2,619 shares of T Rowe Price Retirement 2045 Fund	**		45,233
1 ROWE THE 2,103 Shales of 1 Rowe The Retherent 2033 Fund		T Rowe Price	4,038 shares of T Rowe Price Retirement 2050 Fund	**		59,039
T Rowe Price 1,010 shares of T Rowe Price Retirement Balance Fund ** 12,070		T Rowe Price	2,163 shares of T Rowe Price Retirement 2055 Fund	**		32,945
		T Rowe Price	1,010 shares of T Rowe Price Retirement Balance Fund	**		12,070

	Common/Collective Trusts			
*	Schwab	310,853 units of Managed Retirement Trust Fund 2030 Class II	**	11,859,048
*	Schwab	212,446 units of Managed Retirement Trust Fund 2020 Class II	**	6,751,548
*	Schwab	243,455 units of Managed Retirement Trust Fund 2040 Class II	**	10,195,493
*	Schwab	141,735 units of Managed Retirement Trust Fund 2050 Class II	**	3,282,579
*	Schwab	5,269 units of Managed Retirement Trust Income Fund Class II	**	101,384
*	Schwab	102,318 units of Managed Retirement Trust Fund 2025 Class II	**	1,923,575
*	Schwab	32,119 units of Managed Retirement Trust Fund 2010 Class II	**	870,758
*	Schwab	39,163 units of Managed Retirement Trust Fund 2045 Class II	**	833,381
*	Schwab	25,612 units of Managed Retirement Trust Fund 2055 Class II	**	577,548
*	Schwab	52,923 units of Managed Retirement Trust Fund 2035 Class II	**	1,071,695
*	Schwab	4,077 units of Managed Retirement Trust Fund 2015 Class II	**	69,063
*	Schwab	50,360 units of Managed Retirement Trust Fund 2060 Class II	**	857,121
	Cash			
*	Schwab Bank Savings Cash Account		**	17,727,300
*	Total investments		\$	138,720,072
			-	
*	Funds pending settlement		** \$	(1,074,535)
*	Participant loans	Varying maturity dates with interest rates ranging from 4.25% to 8.50%	\$	2,102,142

^{*} Indicates party-in-interest to the Plan.

^{**} Cost – not required.

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement (Form S-8 No. 333-01047) pertaining to the Park-Ohio Industries, Inc. 401(K) Retirement Plan of our report dated June 22, 2023, with respect to the financial statements and schedule of the Park-Ohio Industries, Inc. 401(K) Retirement Plan included in this Annual Report (Form 11-K) for the year ended December 31, 2022.

/s/ BOBER, MARKEY, FEDOROVICH & COMPANY

Akron, Ohio

June 22, 2023