Kayne Anderson MLP/Midstream Investment Company (KYN)

Fund Advisors

Overview as of 4/30/20

KYN Symbol Exchange NYSE **CUSIP** 486606106 Inception Date 9/28/2004

Total Assets \$1.262 million Leverage \$398 million

Distribution¹ (\$/share) \$0.12

% of Portfolio Assets with Call Options None

Objective

KYN is a non-diversified, closed-end fund with an investment objective to obtain a high after-tax total return for its shareholders by investing at least 85% of our total assets in energy-related master limited partnerships and their affiliates ("MLPs") and in other companies that operate assets used in the gathering, transporting, processing, storing, refining, distributing, mining or marketing of natural gas, natural gas liguids, crude oil, refined petroleum products or coal (collectively with MLPs, "Midstream Energy Companies").

Investment Merits

Midstream Opportunities

- Opportunity to invest across the full value chain for the midstream sector through investments in midstream MLPs and midstream companies
- Midstream sector is expected to generate attractive risk-adjusted returns for investors; companies are expected to generate stable cash flows from fee based assets with high barriers to entry

Attractive Fund Structure

- KYN issues a Form 1099 (no K-1)
- Suitable for IRAs, foundations and taxexempt accounts, because unlike direct holdings in MLPs, KYN does not generate unrelated business taxable income (UBTI)

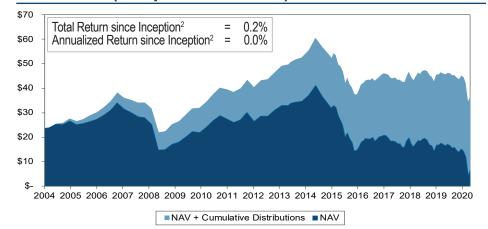
Access to Private Investments

KYN provides access to private investment opportunities not otherwise available to retail investors

1 Paid on 4/30/20 (ex-date 4/22/20). (See "Information on Tax Character of Distributions" on page 2.)

Total Return (NAV plus Distributions)

9/28/04 to 4/30/20



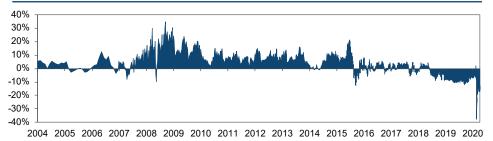
Share Price and NAV History

9/28/04 to 4/30/20



Premium/Discount to NAV

9/28/04 to 4/30/20



Calendar Year Returns

as of 4/30/20

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
NAV and distributions ²	36.7%	12.8%	3.6%	35.7%	4.9%	-43.5%	29.9%	3.3%	-14.2%	17.2%	-56.3%
NAV only	26.5%	5.1%	- 5.3%	28.9%	-2.2%	-48.4%	13.3%	-7.0%	-23.6%	6.3%	-58.1%
Share price and distributions ²	35.8%	3.6%	6.1%	42.4%	2.8%	-50.5%	29.9%	8.0%	-18.9%	11.6%	-60.4%
Share price only	25.7%	-3.5%	- 3.0%	35.2%	-4.2%	-54.7%	13.2%	-2.7%	-27.8%	1.2%	-62.0%

Period Returns (Not Annualized)

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	3 Mo.	6 Mo.	1-Yr	2-Yr	3-Yr	5-Yr	10-Yr	Inception
NAV and distributions ²	-53.0%	-53.8%	-58.6%	-55.1%	-56.1%	-66.7%	-31.9%	0.2%
NAV only	-54.5%	-56.4%	-62.9%	-63.4%	-67.7%	-80.7%	-72.5%	-73.2%
Share price and distributions ²	-58.3%	-57.3%	-62.6%	-63.6%	-64.0%	-74.3%	-51.6%	-21.0%
Share price only	-59.6%	-59.8%	-66.5%	-70.4%	-73.5%	-85.1%	-80.4%	-78.8%

This fact sheet is provided for informational purposes only. This material shall not constitute an offer to sell or a solicitation to buy, nor shall there be any sale of any securities in any jurisdiction in which such offer or sale is not permitted. Performance data quoted represents past performance and are for the stated period only. Performance reflects the deduction of management fees and expenses but does not reflect transaction fees or broker commissions. Past performance is not a guarantee of future results. Current performance may be lower or higher than that shown based on market fluctuations from the end of the reported period.

² Assumes that distributions have been reinvested through the Dividend Reinvestment Plan (DRIP).

MLP/Midstream Investment Company (KYN)

Portfolio as of 4/30/20 Renewable Infrastructure/ Utilities 1% Company 21%

Midstream MLP 78%

as of 4/30/20 Top 10 Holdings³ as of 4/30/20

MPLX LP	13.0%
Enterprise Products Partners L.P.	12.8%
Energy Transfer LP	11.6%
The Williams Companies, Inc.	9.7%
Shell Midstream Partners, L.P.	6.5%
Magellan Midstream Partners, L.P.	5.9%
Plains All American Pipeline, L.P.	5.8%
Phillips 66 Partners LP	4.7%
Targa Resources Corp.	4.2%
Western Midstream Partners, LP	4.2%
	78 4%

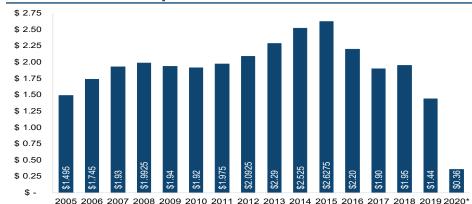
Growth of Hypothetical \$10,000 Investment⁴

Date	NAV and Distribution	Share Price and Distribution
Inception (9/28/04)	\$10,000	\$10,000
12/31/2004	10,232	10,000
12/31/2005	11,133	10,329
12/31/2006	14,061	14,963
12/31/2007	15,211	14,136
12/31/2008	7,345	8,508
12/31/2009	13,210	14,517
12/31/2010	18,062	19,717
12/31/2011	20,382	20,425
12/31/2012	21,109	21,674
12/31/2013	28,652	30,855
12/31/2014	30,065	31,716
12/31/2015	16,987	15,713
12/31/2016	22,065	20,407
12/31/2017	22,788	22,043
12/31/2018	19,553	17,874
12/31/2019	22,923	19,955
4/30/2020	10,018	7,899

Tax Character of Distributions

Colondor	Ouglified	Nondividend Distributions	
Calendar Year	Qualified Dividends	(Return of Capital)	Total
2010	44%	56%	100%
2011	64%	36%	100%
2012	74%	26%	100%
2013	67%	33%	100%
2014	90%	10%	100%
2015	82%	18%	100%
2016	-	100%	100%
2017	28%	72%	100%
2018	100%	-	100%
2019	-	100%	100%
2020E ⁵	_	100%	100%

Annual Distributions per Calendar Year⁶



* Based on year-to-date distributions paid or declared.

Information on Tax Character of Distributions

Our distributions are treated as a taxable dividend (qualified dividends) to our common stockholders to the extent of our current and accumulated earnings and profits. If the distribution exceeds our current or accumulated earnings and profits, the distribution will be treated as a return of capital to our common stockholders to the extent of each stockholder's basis in our common stock, and then the amount of a distribution in excess of such stockholder's basis would be taxed as capital gain. Because the cash distributions received from the MLPs in our portfolio are expected to exceed the earnings and profits associated with owning such MLPs, a portion of our distributions may be paid from sources other than our current and accumulated earnings and profits. The table above left summarizes the tax character of our distributions for the past ten years. Common stockholders will receive a Form 1099-DIV from us, sample forms for each year can be found at www.kaynefunds.com/kyn. This information does not constitute, and should not be construed as, investment, tax, legal, or other professional advice and cannot be used or relied upon for the purpose of avoiding tax penalties.

- 3 Portfolio holdings are subject to change without notice. The mention of specific securities is not a recommendation or solicitation for any person to buy, sell or hold any particular security. You can obtain a complete listing of holdings by viewing our most recent quarterly or annual report at www.kaynefunds.com/kyn.
- 4 This table illustrates the growth of a hypothetical \$10,000 investment in the fund's common shares beginning on the inception date with all distributions reinvested through the Dividend Reinvestment Plan (DRIP). Ending values as of the dates shown in the table. Performance reflects the deduction of management fees and expenses but does not reflect transaction fees or broker commissions. Past performance is no guarantee of future results.
- 5 This estimate is based on our anticipated earnings and profits for fiscal 2020. The final determination of the tax character of distributions will be made in early 2021 and may differ substantially from this preliminary information.
- 6 The amount of distributions is not guaranteed and may vary depending on a number of factors, including changes in portfolio holdings and market conditions.

This fact sheet is provided for informational purposes only. This material shall not constitute an offer to sell or a solicitation to buy, nor shall there be any sale of any securities in any jurisdiction in which such offer or sale is not permitted. Closed-end funds, unlike open-end funds, are not continuously offered. After the initial public offering, shares are sold on the open market through a stock exchange. As with any other stock, total return and market value will fluctuate so that an investment, when sold, may be worth more or less than its original cost. Shares of closed-end funds frequently trade at a market price that is below their net asset value.

All investments involve risk, including possible loss of principal. An investment in the fund could suffer loss. The fund's concentration of investments in energy-related MLPs and midstream entities subjects it to the risks of MLPs, midstream entities and the energy sector, including the risks of declines in energy and commodity prices, decreases in energy demand, adverse weather conditions, natural or other disasters, changes in government regulation, and changes in tax laws. Leverage creates risks which may adversely affect return, including the likelihood of greater volatility of net asset value and market price of common shares and fluctuations in dividend rates on any preferred shares, and increases a shareholder's risk of loss. Before investing in the fund, you should consider the investment objective, risks, charges and expenses of the fund, which, together with other important information are included in the fund's most recent prospectus and other filings with the SEC, available at www.sec.gov. There can be no assurance that the fund's investment objectives will be attained.

Nothing contained in this communication is intended to recommend any investment policy or investment strategy or take into account the specific objectives or circumstances of any investor. Please consult with your investment, tax or legal adviser regarding your individual circumstances prior to investing.

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FOR MORE INFORMATION: www.kaynefunds.com or call 1-877-657-3863

Kayne Anderson

Fund Advisors