

## Kirby Corp

# Margins well above target as cost pressure ease; Rate outlook still robust; PO to \$95

Reiterate Rating: BUY | PO: 95.00 USD | Price: 79.99 USD

## Margins above expectations at both Marine and D&S

Kirby Corp (KEX) posted 2Q23 EPS of \$0.95, up 94% year-year, above our \$0.80 target and Street's \$0.85. The beat was driven by broad margin improvements across both Marine and Distribution & Services (D&S) segments, as costs moderated while tank barging rates/pricing increased. Marine operating income was \$64 mil, up 109% year-year, \$8 mil above our target. Inland revenues were \$352 mil (82% of Marine), up 11% year-year (in-line with our target), and Coastwise revenues (12% of Marine) were \$75 mil, down 15% year-year (\$9 mil below our target) due to higher-than-expected shipyard days. Total Marine margins were 15.0% (above our 12.8% target) as costs held flat vs 1Q23 given stabilizing inflationary pressures. D&S operating income was \$30 mil, up 78% year-year, \$7 mil above our target, with 2Q operating margins at 8.5% (above our 6.8% target). The improved D&S returns were driven by moves to cut expenses, as well as some backlog conversion with supply chain constraints moderating slightly.

## Tank barging supply-demand balance remains robust

Kirby expects Inland margins to exit 2023 near the 20%-range (vs 18%-range in 2Q23, we target 20% in 4Q23) as spot barging rates continue to increase mid-single digits sequentially. Demand for tank barging capacity is expected to remain steady, given high refinery utilization, while tank barge capacity is expected to decline given the looming barge maintenance bubble, which is expected to impact 20% of the Inland fleet annually in '23 and '24 (800/year vs 4,000-barge industry fleet). We believe the tank barge market will stay robust given limited new build slots and strong demand visibility. Thus, we expect inland barging revenue/ton-mile to rise to 10.3 cents in 4Q23 from 10.1 cents in 2Q23 (to the highest level in our 19 years of coverage).

## PO to \$95, Accelerating rates the key earnings driver

We reiterate our Buy on KEX's shares and raise our PO to \$95 (from \$84) on 19x its 2024 EPS estimate (from 23.5x its 2023e). We move our target multiple to the bottom of its 19x-29x band as earnings look to ramp to new heights (finally topping its prior 2014 peak). We remain positive on the strong tank barge fundamentals and expect accelerating Inland rates and improving D&S margins to drive earnings. We increase our 2023, 2024, and 2025 EPS estimates 7%, 3%, and 3%, to \$3.80, \$5.00, \$5.45, from \$3.55, \$4.85, and \$5.30, respectively.

Estimates (Dec) (US\$)	2021A	2022A	2023E	2024E	2025E
EPS	0.56	2.10	3.80	5.00	5.45
GAAP EPS	(4.10)	2.03	3.79	5.00	5.45
EPS Change (YoY)	-69.6%	275.0%	81.0%	31.6%	9.0%
Consensus EPS (Bloomberg)			3.55	4.78	5.47
DPS	0	0	0	0	0
Valuation (Dec)					
P/E	142.8x	38.1x	21.1x	16.0x	14.7x
GAAP P/E	NM	39.4x	21.1x	16.0x	14.7x
Dividend Yield	0%	0%	0%	0%	0%
EV/EBITDA*	19.4x	14.2x	10.1x	8.7x	8.3x
Free Cash Flow Yield*	4.7%	2.5%	3.1%	6.7%	8.5%
* For full definitions of <i>IQ</i> method <sup>SM</sup> measures, see page 5.					

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Refer to important disclosures on page 6 to 8. Analyst Certification on page 4. Price Objective Basis/Risk on page 4.

Timestamp: 27 July 2023 03:43PM EDT

#### 27 July 2023

## Equity

Key Changes		
(US\$)	Previous	Current
Price Obj.	84.00	95.00
2023E Rev (m)	3,153.1	3,143.3
2024E Rev (m)	3,303.1	3,324.4
2025E Rev (m)	3,435.6	3,458.5
2023E EPS	3.55	3.80
2024E EPS	4.85	5.00
2025E EPS	5.30	5.45

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#### Stock Data

Price	79.99 USD
Price Objective	95.00 USD
Date Established	27-Jul-2023
Investment Opinion	B-1-9
52-Week Range	57.64 USD - 78.37 USD
Mrkt Val (mn) / Shares Out	4,806 USD / 60.1
(mn)	
Average Daily Value (mn)	25.73 USD
BofA Ticker / Exchange	KEX / NYS
Bloomberg / Reuters	KEX US / KEX.N
ROE (2023E)	7.2%
Net Dbt to Eqty (Dec-2022A)	32.8%
ESGMeter™	Medium

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

## **iQ**profile<sup>™</sup> Kirby Corp

(US\$ Millions)	2021A	2022A	2023E	2024E	2025E
Return on Capital Employed	1.1%	3.0%	5.2%	6.5%	6.8%
Return on Equity	1.1%	4.3%	7.2%	8.8%	9.0%
Operating Margin	3.7%	7.1%	11.0%	13.2%	13.4%
Free Cash Flow	224	122	151	321	409
iQmethod <sup>™</sup> – Quality of Earnings*					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Cash Realization Ratio	9.5x	2.3x	2.2x	1.8x	1.8
Asset Replacement Ratio	0.5x	0.9x	1.6x	0.9x	0.7>
Tax Rate	32.3%	25.6%	25.4%	25.8%	25.8%
Net Debt-to-Equity Ratio	39.1%	32.8%	28.7%	20.5%	10.9%
Interest Cover	1.9x	4.5x	6.1x	8.0x	9.3>
Income Statement Data (Dec)					
(US\$ Millions)	2021A	2022A	2023E	2024E	2025
Sales	2,247	2,785	3,143	3,324	3,459
% Change	3.5%	24.0%	12.9%	5.8%	4.0%
Gross Profit	593	724	962	1,084	1,124
% Change	-10.2%	22.0%	32.9%	12.7%	3.7%
EBITDA	304	416	585	677	713
% Change	-17.2%	36.8%	40.4%	15.7%	5.4%
Net Interest & Other Income	(32)	(28)	(42)	(45)	(40
Net Income (Adjusted)	34	127	227	294	315
% Change	-69.4%	275.1%	79.4%	29.4%	7.3%
% Change Free Cash Flow Data (Dec)	-69.4%	275.1%	79.4%	29.4%	7.3%
Free Cash Flow Data (Dec)	-69.4% 2021A	275.1% 2022A	79.4% 2023E	29.4% 2024E	
Free Cash Flow Data (Dec) (US\$ Millions)					2025
_	2021A	2022A	2023E	2024E	<b>2025</b> 319
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization	<b>2021A</b> 34	<b>2022A</b> 127	<b>2023E</b> 227	<b>2024E</b> 293 226	<b>2025</b> 315 239
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP)	<b>2021A</b> 34 212	<b>2022A</b> 127 201	<b>2023E</b> 227 223	<b>2024E</b> 293	<b>2025</b> i 315 239
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital	<b>2021A</b> 34 212 16	<b>2022A</b> 127 201 (103)	<b>2023E</b> 227 223 47	<b>2024E</b> 293 226 (11)	<b>2025</b> 5 315 239 2
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge	<b>2021A</b> 34 212 16 (44)	2022A 127 201 (103) 39	<b>2023E</b> 227 223 47 14	<b>2024E</b> 293 226 (11) 2	<b>2025</b> 315 239
Free Cash Flow Data (Dec) (US\$ Millions) Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net	<b>2021A</b> 34 212 16 (44) 104	2022A 127 201 (103) 39 30	2023E 227 223 47 14 (10)	2024E 293 226 (11) 2 8	2025l 315 239 2 2 8 (156)
Free Cash Flow Data (Dec) (US\$ Millions)  Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure	2021A 34 212 16 (44) 104 (98)	2022A 127 201 (103) 39 30 (173)	2023E 227 223 47 14 (10) (349)	2024E 293 226 (11) 2 8 (196)	2025i 315 239 2 2 2 8 (156)
Free Cash Flow Data (Dec) (US\$ Millions)  Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow	2021A 34 212 16 (44) 104 (98) 224	2022A 127 201 (103) 39 30 (173) 122	2023E 227 223 47 14 (10) (349) 151	2024E 293 226 (11) 2 8 (196) 321	7.3%  2025i 315 239 2 8 (156) 409 27.4%
Free Cash Flow Data (Dec) (US\$ Millions)  Net Income from Cont Operations (GAAP)  Depreciation & Amortization Change in Working Capital  Deferred Taxation Charge Other Adjustments, Net Capital Expenditure  Free Cash Flow % Change	2021A 34 212 16 (44) 104 (98) 224	2022A 127 201 (103) 39 30 (173) 122	2023E 227 223 47 14 (10) (349) 151	2024E 293 226 (11) 2 8 (196) 321	2025i 315 239 2 2 8 (156; 409 27.4%
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Free Cash Flow Data (Dec) (US\$ Millions)  Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment	2021A  34  212  16  (44)  104  (98)  224  -24.7%  2021A  35  568  401  3,679	2022A 127 201 (103) 39 30 (173) 122 -45.6%  2022A 81 598 533 3,633	2023E 227 223 47 14 (10) (349) 151 24.6%  2023E 77 527	2024E 293 226 (11) 2 8 (196) 321 112.3%  2024E 200 549	2025i 315 239 2 2 8 (156; 409 27.4% 2025i 360 566 460
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Free Cash Flow Data (Dec) (US\$ Millions)  Net Income from Cont Operations (GAAP) Depreciation & Amortization Change in Working Capital Deferred Taxation Charge Other Adjustments, Net Capital Expenditure Free Cash Flow % Change  Balance Sheet Data (Dec) (US\$ Millions) Cash & Equivalents Trade Receivables Other Current Assets Property, Plant & Equipment	2021A  34  212  16  (44)  104  (98)  224  -24.7%  2021A  35  568  401  3,679	2022A 127 201 (103) 39 30 (173) 122 -45.6%  2022A 81 598 533 3,633	2023E 227 223 47 14 (10) (349) 151 24.6%  2023E 77 527 450 3,505	2024E 293 226 (11) 2 8 (196) 321 112.3%  2024E 200 549 455 3,295	2025i 315 239 2 2 8 (156, 409 27.4% 2025i 360 566 460 3,072 1,160
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## **Company Sector**

Sea Transport

#### **Company Description**

Kirby Corporation operates a Marine Transportation segment (61% of '21 revs) providing tank barge transportation of petrochemicals and chemicals, black oil products, refined petroleum products, and agricultural chemicals through the US Inland Waterway System. Its Distribution and Services segment (39% of '21 revs) services Oil & Gas market (manuf oilfield services equip and services) and to Commercial & Industrial custs (overhauls & repairs diesel engines for marine, power & railroad customers)

#### **Investment Rationale**

Kirby is the industry leader in the Jones Act domestic liquid barging sector, controlling 25%-30% of the liquid barge fleet and the offshore Marine fleet. Its inland barge fleet utilization has jumped back to the 90% level, which should drive pricing and margin gains. We also see improving prospects at its D&S segment, given the rebound in oilfield service activity. It supplies the oil services market for distribution/manufacturing equip, which is seeing increased rig and equipment demand.

#### **Stock Data**

Average Daily Volume

321,641

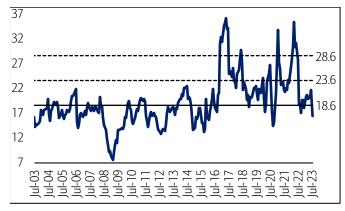
## **Quarterly Earnings Estimates**

	2022	2023
Q1	0.29A	0.68A
Q2	0.49A	0.95A
Q3	0.65A	0.97E
Ω4	0.674	1 19F



### Exhibit 1: Kirby Forward P/E

Shares are trading at 16x its 2024e EPS, below its 19x-29x trading range.



Source: BofA Global Research estimates and Bloomberg

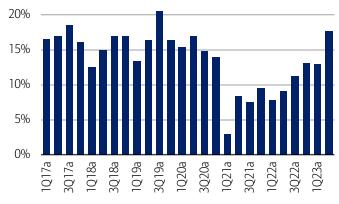
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## Expects spot rate improvements; Sees 3Q headwinds

Revenues were \$777 million, up 11% year-year and \$4 million above our target. Operating income was \$87 million, up 82% year-year and \$11 million above our target (+\$0.13/sh). Operating margin was 11.2%, a 430-bps improvement year-year and 130 bps better than our target. The company targets continued increases in spot pricing and margins for 2H23 in Inland tank barging yet expects transitory operating headwinds given the closure of the Illinois river and refinery fires (we target ton-miles/active barge to decline 10% year-year in 3Q23 vs -2% in 2Q23). We expect the negative volume impact to be offset by increased barging rates given the poor fluidity further lowering available freight capacity.

#### **Exhibit 2: Inland Marine Operating Margins**

We estimate inland margins have improved to the 18%-range in 2Q23.



Source: BofA Global Research estimates and company reports.

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### **Exhibit 3: Total Marine Transportation Operating Margins**

Marine Segment op margin was 15.0% in 2Q23, 220 bps better than our target.



**Source:** BofA Global Research estimates and company reports

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## Distribution & Services showing signs of improvement

D&S revenues were \$350 million, up 20% year-year and \$12 million above our target. Manufacturing (Oil & Gas) revenues were \$168 million, up 29% year-year and \$11 mil above our target as demand for e-frac equipment remained strong. Commercial & Industrial (C&I) revenues were \$182 million, up 13% year-year, as all segments (onhighway, marine repair, power generation) saw growth. Operating margins were 8.5%, up from 6.7% in 1Q23 (and above our 6.8% target) as it converted backlog orders through deliveries and saw slight improvements in supply chain constraints. However, Kirby noted that certain component lead times still remain elevated.



## Price objective basis & risk

### Kirby Corp (KEX)

Our \$95 price objective is based on a 19x multiple on our 2024 EPS estimate, the bottom of its 19x-29x one-standard deviation historical trading range as we move past its trough EPS, a rapidly rebounding refined product market in a post COVID-19 environment, and improved pricing in the spot tank barge market (partially offset by rising inflation). Additionally, we see improving revenue growth and margin prospects in its D&S segment.

Risks to our price objective are a deceleration in the economy and chemical demand, pricing headwinds owing to capacity/competition entering the market, customers shifting to more spot pricing and moving away from committed contracts thereby decreasing volumes to Kirby. Within Distribution & Services (Diesel Engine Services, United and Stewart & Stevenson), it includes deteriorating frac demand, lower nat gas prices that disincentivize drilling, and service demand worse than anticipated. Within Offshore (formerly K-Sea, Allied, and Penn), it includes deteriorating demand and utilization. We also continue to monitor near-term inflation impacts and low water levels in the Mississippi river.

## **Analyst Certification**

I, Ken Hoexter, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

#### **US - Transportation Coverage Cluster**

Investment rating	Company	Bof A Ticker	Bloomberg symbol	Analyst
BUY				
	Canadian National	CNI	CNI US	Ken Hoexter
	Canadian Pacific Kansas City Ltd	CP	CP US	Ken Hoexter
	CSX Corporation	CSX	CSX US	Ken Hoexter
	FedEx Corp.	FDX	FDX US	Ken Hoexter
	J.B. Hunt Transport Services	JBHT	JBHT US	Ken Hoexter
	Kirby Corp	KEX	KEX US	Ken Hoexter
	Knight-Swift Transportation Holdings Inc	KNX	KNX US	Ken Hoexter
	Norfolk Southern	NSC	NSC US	Ken Hoexter
	Old Dominion Freight Line	ODFL	ODFL US	Ken Hoexter
	RXO, Inc.	RXO	RXO US	Ken Hoexter
	Saia Inc.	SAIA	SAIA US	Ken Hoexter
	Schneider National	SNDR	SNDR US	Ken Hoexter
	Union Pacific	UNP	UNP US	Ken Hoexter
	Werner Enterprises	WERN	WERN US	Ken Hoexter
	XPO, Inc.	XPO	XPO US	Ken Hoexter
NEUTRAL				
	Scorpio Tankers Inc.	STNG	STNG US	Ken Hoexter
	Teekay Tankers Limited	TNK	TNK US	Ken Hoexter
	TFI International	TFII	TFII US	Ken Hoexter
	TFI International	YTFII	TFII CN	Ken Hoexter
	UPS	UPS	UPS US	Ken Hoexter
	Wabtec Corp.	WAB	WAB US	Ken Hoexter
UNDERPERFORM				
	ArcBest Corporation	ARCB	ARCB US	Ken Hoexter
	C.H. Robinson	CHRW	CHRW US	Ken Hoexter
	The Greenbrier Companies	GBX	GBX US	Ken Hoexter
	TuSimple	TSP	TSP US	Ken Hoexter
	World Kinect	WKC	WKC US	Ken Hoexter
RSTR				
	Triton International, Ltd	TRTN	TRTN US	Ken Hoexter

## **US - Transportation Coverage Cluster**

Investment rating Company BofA Ticker Bloomberg symbol Analyst

## **Q**method <sup>™</sup> Measures Definitions

Business Performance	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) $\times$ (1 - Tax Rate) + Goodwill Amortization	Total Assets – Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations — Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt - Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations – Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
•	Other LT Liabilities	
EV / EBITDA	Enterprise Value	Basic EBIT + Depreciation + Amortization

Manthod Shis the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

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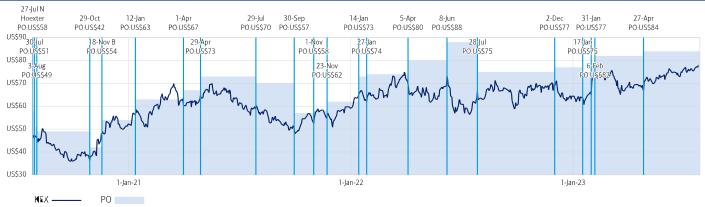
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#### Kirby Corp (KEX) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

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#### Equity Investment Rating Distribution: Transport/Infrastructure Group (as of 30 Jun 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	72	52.94%	Buy	42	58.33%
Hold	29	21.32%	Hold	13	44.83%
Sell	35	25.74%	Sell	17	48.57%

#### Equity Investment Rating Distribution: Global Group (as of 30 Jun 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1877	53.28%	Buy	1040	55.41%
Hold	815	23.13%	Hold	464	56.93%
Sell	831	23.59%	Sell	385	46.33%

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## Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster<sup>R2</sup>

Buy	≥ 10%	≤ 70%
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Underperform	N/A	≥ 20%

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