

# Allison Transmission Holdings Inc.

# Solid end to the year

Reiterate Rating: UNDERPERFORM | PO: 56.00 USD | Price: 61.54 USD

## NA On-Highway drives performance

Allison's Q4 results came in well ahead of consensus expectations. Revenue of \$775mn was 4% above consensus estimates, while EBITDA of \$277mn was 10% above expectations. The beat was driven by strong North American on-highway demand. Gross margin expanded 80bps YoY to 47.9% compared to an expected 50bp expansion YoY. Allison provided initial 2024 outlook that was 2% above consensus expectations and expects pricing for the year to be in the range of 200bps.

#### 2024 outlook above consensus

Sales outlook of \$3,050-3,150mn (+2% at midpoint) is 2% ahead of consensus (flattish YoY), as is EBITDA of \$1,070-\$1,130mn (-1% at midpoint) vs consensus at \$1,077mn. That said, FCF of \$575-\$625mn (-9% midpoint) is 5% below consensus (\$633mn). At the midpoint of guide outlook suggests a 100bps decline in EBITDA margin YoY to 35.5% despite record revenue levels and further pricing growth. By segment Allison guided the midpoint of 2024 revenue growth as follows: NA On-Hwy -2%, NA Off-Hwy -60%, Defense +34%, non-NA On-Hwy +14%, non-NA Off-Hwy +20%, Service -2%. Strength in Defense and non-NA Off-Hwy speak to the success of Allison expansion into ancillary products and markets, while weaker NA Off-Hwy is driven by a well-equipped Oil and Gas market, limiting new rig builds.

## **Expanding reach: Wide body mining, Refuse, Defense**

Last month Allison announced that it was selected as an exclusive supplier of axles for Oshkosh's eRCV, which will utilize 2 eGen power 100s e-axles. Additionally, the firm announced a strategic partnership with SANY to supply transmission for integration into SANY's next gen SKT105 wide body mining dump, as well as an \$83mn Defense award to provide upgraded X1100 transmissions to support the Abrams Main Battle Tank.

## Raising estimates - PO to \$56

We raise our 2024/25 estimates by 3-5% on updated outlook. We now model \$3,100/\$3,197mn in revenue, and \$1,100mn/1,130mn in EBITDA respectively. We raise our PO to \$56 (\$50 prior) on 6.0x 2024E EBITDA (vs 5.6x prior) as we feel a higher multiple is warranted given incremental market expansion, and a "shallow" dip in NA On-Hwy demand. We reiterate our Underperform rating on concerns of potential cycle over cycle margin degradation.

Estimates (Dec) (US\$)	2022A	2023A	2024E	2025E	2026E
GAAP EPS	5.53	7.40	7.69	8.09	8.97
EPS Change (YoY)	33.9%	33.8%	3.9%	5.2%	10.9%
Consensus EPS (Bloomberg)			7.18	8.27	10.84
DPS	0.84	0.92	1.00	1.10	1.21
Valuation (Dec)					
P/E	11.1x	8.3x	8.0x	7.6x	6.9x
Dividend Yield	1.4%	1.5%	1.6%	1.8%	2.0%
EV / EBITDA*	6.9x	6.0x	6.1x	5.9x	5.6x
Free Cash Flow Yield*	8.9%	14.3%	11.0%	11.9%	12.3%
* 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: 14 February 2024 02:23AM EST

#### 14 February 2024

#### Equity

Key Changes		
(US\$)	Previous	Current
Price Obj.	50.00	56.00
2024E Rev (m)	2,949.8	3,099.8
2025E Rev (m)	3,150.3	3,196.7
2026E Rev (m)	NA	3,402.3
2024E EBITDA (m)	1,070.0	1,100.0
2026E EBITDA (m)	NA	1,200.0
2024E DPS	1.02	1.00

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#### Stock Data

Price	61.54 USD
Price Objective	56.00 USD
Date Established	14-Feb-2024
Investment Opinion	B-3-7
52-Week Range	41.61 USD - 62.99 USD
Mrkt Val (mn) / Shares Out	5,477 USD / 89.0
(mn)	
Free Float	99.4%
Average Daily Value (mn)	34.84 USD
BofA Ticker / Exchange	ALSN / NYS
Bloomberg / Reuters	ALSN US / ALSN.N
ROE (2024E)	47.6%
Net Dbt to Eqty (Dec-2023A)	160.8%
ESGMeter™	High

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# **iQ**profile<sup>™</sup> Allison Transmission Holdings Inc.

iQmethod <sup>™</sup> – Bus Performance*					
(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Return on Capital Employed	15.6%	17.0%	15.8%	15.0%	14.6%
Return on Equity	70.4%	63.9%	47.6%	37.3%	31.6%
Operating Margin	28.3%	30.3%	30.2%	30.5%	30.7%
Free Cash Flow	490	784	600	651	671

## *iQ*method <sup>SM</sup> − Quality of Earnings\*

(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Cash Realization Ratio	1.2x	1.2x	1.1x	1.2x	1.1x
Asset Replacement Ratio	1.5x	NA	1.0x	1.2x	1.2x
Tax Rate	17.7%	18.6%	20.0%	21.0%	21.0%
Net Debt-to-Equity Ratio	264.0%	160.8%	110.1%	62.1%	31.4%
Interest Cover	6.6x	8.6x	9 Ox	7.8x	8 4 v

#### Income Statement Data (Dec)

(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Sales	2,769	3,035	3,100	3,197	3,402
% Change	15.3%	9.6%	2.1%	3.1%	6.4%
Gross Profit	1,297	1,470	1,510	1,562	1,664
% Change	13.3%	13.3%	2.7%	3.4%	6.6%
EBITDA	961	1,108	1,100	1,130	1,200
% Change	13.9%	15.3%	-0.7%	2.7%	6.2%
Net Interest & Other Income	(139)	(92)	(104)	(125)	(125)
Net Income (Adjusted)	531	673	666	671	727
% Change	20.1%	26.7%	-1.1%	0.9%	8.2%

#### Free Cash Flow Data (Dec)

(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Net Income from Cont Operations (GAAP)	531	673	666	671	727
Depreciation & Amortization	113	0	125	125	125
Change in Working Capital	(71)	111	(61)	(1)	(28)
Deferred Taxation Charge	(4)	0	0	0	0
Other Adjustments, Net	88	0	0	0	0
Capital Expenditure	(167)	0	(130)	(144)	(153)
Free Cash Flow	490	784	600	651	671
% Change	6.5%	60.0%	-23.5%	8.6%	3.0%
Share / Issue Repurchase	(278)	0	(250)	(105)	(110)
Cost of Dividends Paid	(80)	0	(87)	(91)	(98)
Change in Debt	(7)	0	0	0	0

#### **Balance Sheet Data (Dec)**

(US\$ Millions)	2022A	2023A	2024E	2025E	2026E
Cash & Equivalents	232	555	818	1,274	1,736
Trade Receivables	363	356	385	396	429
Other Current Assets	271	339	352	360	385
Property, Plant & Equipment	763	774	779	798	826
Other Non-Current Assets	3,042	3,001	3,001	3,001	3,001
Total Assets	4,671	5,025	5,336	5,829	6,377
Short-Term Debt	38	41	41	41	41
Other Current Liabilities	442	460	438	450	467
Long-Term Debt	2,501	2,497	2,497	2,497	2,497
Other Non-Current Liabilities	816	794	798	804	817
Total Liabilities	3,797	3,792	3,774	3,792	3,821
Total Equity	874	1,233	1,562	2,037	2,556
Total Equity & Liabilities	4,671	5,025	5,336	5,829	6,377

<sup>\*</sup> For full definitions of  $\emph{\textbf{IQ}} \textit{method}^{\text{SM}}$  measures, see page 5.

## **Company Sector**

Truck/Bus Manufacturers

## **Company Description**

Allison Transmission (ALSN) is the world's largest manufacturer of fully automatic transmissions for mediumand heavy-duty commercial vehicles, US military vehicles, and hybrid propulsion systems for transit buses.

#### **Investment Rationale**

We view ALSN as a robust industrial company with a strong market position, attractive margins, and strong free cash flow generation However, the NA truck market is nearing peak just as a Democratic government is expected to push renewable options, increasing the risk of electrification. We also expect the bus market to remain challenging in the next 1-2 years as remote learning becomes a more ingrained option.

#### **Stock Data**

Average Daily Volume 566,181

## **Quarterly Earnings Estimates**

	2023	2024
Q1	1.85A	1.98E
Q2	1.92A	1.97E
Q3	1.76A	1.85E
Q4	1.91A	1.90E





# Price objective basis & risk

#### Allison Transmission Holdings Inc. (ALSN)

Our PO of \$56 is based on 6.0x 2024E EV/EBITDA. Our multiple sits below the low end of its historical valuation range (8-12x dating back to 2012) as the company faces the secular overhang of electrification, and a potential truck market peak.

Upside (downside) risks to our price objective are: 1) a quicker (slower) recovery from the economic recession than we currently envision, 2) faster (slower) than expected electric vehicle adoption in some of ALSN's core markets outside of transit bus, 3) the effect of government regulation on the company's tax assets, 4) quicker (slower) than expected recovery in the energy industry, 5) weaker (stronger) competition from truck OEMs and transmission manufacturers, or 6) ALSN seeks privatization.

# **Analyst Certification**

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**US - Machinery Coverage Cluster** 

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	Caterpillar Inc	CAT	CAT US	Michael Feniger
	CNH Industrial NV	CNHI	CNHI US	Michael Feniger
	Construction Partners Inc.	ROAD	ROAD US	Michael Feniger
	ESAB Corp	ESAB	ESAB US	Sherif El-Sabbahy
	Finning International Inc.	YFTT	FTT CN	Sherif El-Sabbahy
	H&E Equipment Services Inc	HEES	HEES US	Sherif El-Sabbahy
	Knife River Corp	KNF	KNF US	Sherif El-Sabbahy
	Republic Services	RSG	RSG US	Michael Feniger
	Techtronic Industries Co Ltd	TTNDF	669 HK	Michael Feniger
	Techtronic Industries Co Ltd	TTNDY	TTNDY US	Michael Feniger
	United Rentals Inc	URI	URI US	Michael Feniger
	Vulcan Materials	VMC	VMC US	Michael Feniger
	Waste Connections Inc	WCN	WCN US	Michael Feniger
	WillScot Mobile Mini	WSC	WSC US	Sherif El-Sabbahy
IEUTRAL				,
	AGCO Corp	AGCO	AGCO US	Michael Feniger
	Deere & Co	DE	DE US	Michael Feniger
	Fluor	FLR	FLR US	Michael Feniger
	GFL Environmental Inc	GFL	GFL US	Michael Feniger
	GFL Environmental Inc	YGFL	GFL CN	Michael Feniger
	Jacobs Eng.	ı	JUS	Michael Feniger
	Kennametal Inc.	KMT	KMT US	Michael Feniger
	Martin Marietta Materials	MLM	MLM US	Michael Feniger
	NV5 Global Inc.	NVEE	NVEE US	Michael Feniger
	PACCAR Inc	PCAR	PCAR US	Michael Feniger
	RB Global, Inc	RBA	RBA US	Michael Feniger
	Waste Management	WM	WM US	Michael Feniger
INDERPERFORM				
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	Casella	CWST	CWST US	Michael Feniger
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	Herc Holdings Inc	HRI	HRI US	Sherif El-Sabbahy
	IPG Photonics	IPGP	IPGP US	Michael Feniger
	Oshkosh Corp.	OSK	OSK US	Michael Feniger
	Terex Corp.	TEX	TEX US	Michael Feniger

## **US - Machinery Coverage Cluster**

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
	Timken Company	TKR	TKR US	Michael Feniger

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

<b>Business Performance</b>	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) $\times$ (1 $-$ Tax Rate) + Goodwill Amortization	Total Assets — Current Liabilities + ST Debt + Accumulated Goodwill
D	M	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	FBIT	Interest Expense
	LDII	'
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	<del></del>
EV / EBITDA	Enterprise Value	Basic EBIT + Depreciation + Amortization
LV / LUIIUM	Effectionse value	basic Ebit - Depreciation - Amortization

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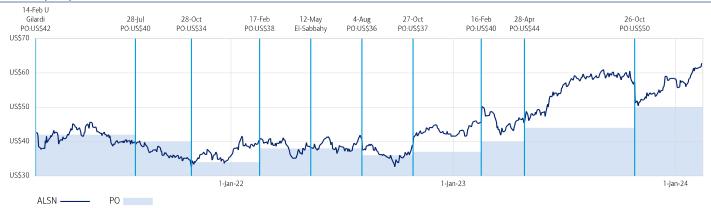
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B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

#### Equity Investment Rating Distribution: Autos Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	67	55.83%	Buy	39	58.21%
Hold	30	25.00%	Hold	15	50.00%
Sell	23	19.17%	Sell	12	52 17%

#### Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

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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%
Neutral	≥ 0%	≤ 30%
Indernerform	N/A	> 20%

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