

Strong multi-year earnings growth visibility

Auto & Auto Ancillaries ▶ Company Update ▶ September 10, 2024

TARGET PRICE (Rs): 600

Pricol offers strong multi-year earnings growth visibility (29% FY24-27E EPS CAGR) with attractive valuation relative to other 2W ancillaries amid: i) sustained premiumization trend on shift toward digital clusters; ii) ramp up in newer clients such as Honda 2Ws over the next 18-24 months (backed by order wins); iii) new products currently under the testing/validation stage potentially moving into revenue from FY26 (eg guides for ~Rs3bn from disc brakes in 3 years); iv) improving mix and operating leverage-led margin uptick to ~13.5-14%; and v) strategic inorganic acquisitions expanding the addressable market size. We continue to like Pricol as a structural premiumization play that is also transforming into a multi-product company. Our estimates and TP are largely unchanged; we retain BUY with TP of Rs600/share at 27.5x Jun-26E PER.

Pricol: Financial Snapshot (Consolidated)

Y/E Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E
Revenue	19,586	22,718	26,720	32,181	37,000
EBITDA	2,285	2,731	3,479	4,441	5,254
Adj. PAT	1,150	1,406	1,916	2,559	3,046
Adj. EPS (Rs)	9.4	11.5	15.7	21.0	25.0
EBITDA margin (%)	11.7	12.0	13.0	13.8	14.2
EBITDA growth (%)	26.5	19.5	27.4	27.7	18.3
Adj. EPS growth (%)	125.0	22.3	36.3	33.5	19.0
RoE (%)	18.0	18.1	20.5	22.5	22.1
RoIC (%)	17.1	18.8	23.1	25.8	24.3
P/E (x)	51.2	41.8	30.7	23.0	19.3
EV/EBITDA (x)	25.8	21.3	16.5	12.9	10.9
P/B (x)	8.4	7.0	5.7	4.7	3.9
FCFF yield (%)	1.4	2.0	2.0	0.5	0.3

Source: Company, Emkay Research

Premiumization and higher wallet share to drive outperformance vs industry

We believe Pricol's growth prospects remain strong, driven by: i) the intact premiumization tailwind through rising penetration of digital clusters including touchscreens (TFT; TFT penetration is currently limited at ~5%); instrument cluster ASPs are now 3x that of 5 years ago, and seen rising another 50-60% in the next 2-3 years; and ii) ramp up in newer clients like Honda and Suzuki in 2Ws over the coming 18-24 months, leading to wallet share gains. This is expected to drive continued outperformance vs the underlying industry. Pricol continues to invest toward expansion and modernization of facilities where necessary to support growth.

Newer business verticals to contribute meaningfully from FY26 onwards

Pricol continues to invest in R&D (~4% of sales, among the highest in the auto ancillary space; half of white collar work force is employed in engineering) as well as partnerships (eg TYW for E-cockpits and Heads-Up Displays, Sibros for telematics, etc) to accelerate development of new product lines. The company sees a strong growth runway in disc brakes (highly concentrated market with Brembo currently commanding 50% market share and OEMs looking to de-risk supplies); here, it has received orders from clients (incl. a major 2W OEM and some EV startups) with production to commence soon; potential revenue base is of Rs3bnpa in 3 years (current capacity is of Rs1.2bnpa).

Multiple tailwinds in place for further margin improvement toward 13.5-14%

Profitability has improved structurally over the past 5 years (EBITDAM: 13% in Q1FY25 vs 6.9% in FY20); Pricol targets further margin improvement going ahead toward the 13.5-14% range, driven by: i) improved mix (eg digital clusters now form 80% of cluster revenue vs 20% earlier) and higher value additive content, ii) high vertical integration and automation (eg 90% of PCBA assembly is done in-house), and iii) further efficiency improvements incl. in-sourcing (eg getting into longer term sourcing arrangements for semiconductor chips).

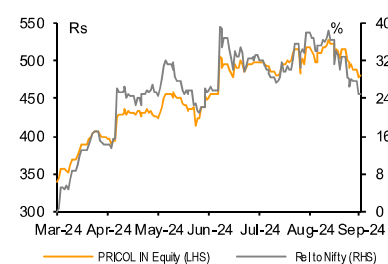
We believe Pricol is attractively valued compared to other 2W ancillaries given its strong growth prospects and return ratios and transformation into a multi-product company.

Target Price – 12M	Sep-25
Change in TP (%)	-
Current Reco.	BUY
Previous Reco.	BUY
Upside/(Downside) (%)	24.4
CMP (10-Sep-24) (Rs)	482.5

Stock Data	Ticker
52-week High (Rs)	543
52-week Low (Rs)	288
Shares outstanding (mn)	121.9
Market-cap (Rs bn)	59
Market-cap (USD mn)	700
Net-debt, FY25E (Rs mn)	-1,578
ADTV-3M (mn shares)	1
ADTV-3M (Rs mn)	264.7
ADTV-3M (USD mn)	3.2
Free float (%)	61.5
Nifty-50	25,052
INR/USD	84.0
Shareholding, Jun-24	
Promoters (%)	38.5
FPIs/MFs (%)	15.0/16.5

Price Performance			
(%)	1M	3M	12M
Absolute	(6.9)	6.5	49.4
Rel. to Nifty	(9.4)	(1.1)	18.2

1-Year share price trend (Rs)



Chirag Jain

chirag.jain@emkayglobal.com
+91 22 6624 2428

Jaimin Desai

jaimin.desai@emkayglobal.com
+91 22 6612 1334

Nandan Pradhan

nandan.pradhan@emkayglobal.com
+91 22 6612 1238

Omkar Rane

omkar.rane@emkayglobal.com
+91 22 6624 2414

Exhibit 1: Pricol's product profile – DIS (instrument clusters) and Actuation as well as Control and Fuel Management Systems (ACFMS)

Source: Company, Emkay Research

Exhibit 2: TFT penetration in the Indian 2W market is currently at ~5%; pricing over 10x/4x of analog/digital clusters

2W instrument cluster	Analog	Digital and semi-digital incl. LCD	TFT (touchscreen)
Product			
Price (Rs/unit)	300-400	1,000-1,500	5,000
Current penetration	~30%	~65%	~5%
Cluster as % of 2W ASP	~0.5%	1-2%	~4% (EV), up to 6-7% (ICE)

Source: Company, Emkay Research

Exhibit 3: Digital clusters are increasingly being introduced in mass-market ICE motorcycles

	TVS Raider SmartXconnect	TVS Raider Standard
Display	 5-inch TFT	 Digital (LCD)
Mobile App	Yes	No
App features	Calls & Messaging, Navigation Assist	Low battery alert
Service Due Indicator	Yes	Yes
Speedometer	Digital	Digital
Odometer	Digital	Digital
Tripmeter	Digital	Digital
Fuel Gauge	Digital	Digital
Clock	Yes	Yes
Riding Modes	Yes	Yes
Additional Features	TVS SmartXconnect, Voice Assist, Ride Report, ETfi Technology, intelliGo, Ambient Sensor, Human Machine Interface Operation, Weather Updates, Sports Updates	intelliGo, Engine inhibitor, Helmet reminder, Side-stand engine cut-off
Price (Rs; Ex-showroom, Delhi)	1,02,770	96,219
Instrument cluster as % of ex-factory cost	6.7%	2.2%

Source: Online portals, Emkay Research

Exhibit 4: Connectivity is being positioned as a key differentiator, even in commuter 2Ws

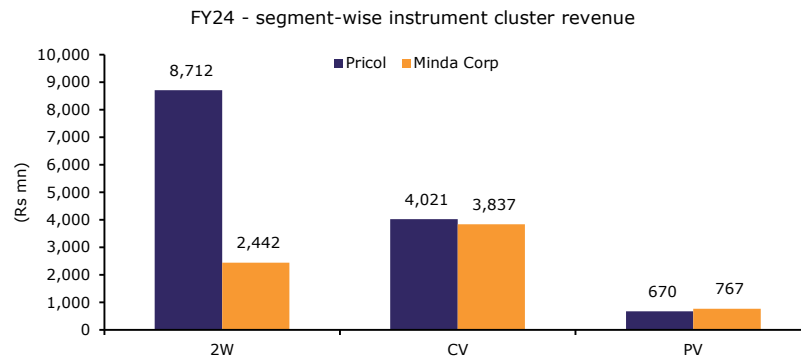
Source: Company, Emkay Research

Exhibit 5: Digital console now being offered as a differentiating feature, even in entry-level 100cc motorcycles like Hero Splendor Plus Xtec (Xtec versions comprise ~1/3rd of HMCL sales)



Source: Company, Emkay Research

Exhibit 6: Based on our workings, Pricol is larger than the competition – particularly in 2Ws (~3.5x the size of Minda Corp.)



Source: Company, Emkay Research

Exhibit 7: Pricol has won several digital cluster orders in approximately the past 2 years

OEM	Model	Category	Screen
TVSL	Raider	Premium motorcycle	Digital cluster
TVSL	Jupiter 125	125cc scooter	Digital cluster
TVSL	iQube	Premium E-scooter	TFT cluster
TVSL	Ntorq	Premium scooter	TFT + LCD hybrid cluster
TVSL	Apache RTR	Premium motorcycle	TFT cluster
HMCL	Maestro 125	125cc scooter	Digital cluster
HMCL	Pleasure Plus	110cc scooter	Digital cluster
HMCL	Xtreme 125R	Premium motorcycle	Digital cluster
HMCL	Mavrick 440	Premium motorcycle	Digital cluster
HMCL	Vida	Premium E-scooter	TFT cluster
BJAUT	Pulsar NS200	Premium motorcycle	LCD cluster
BJAUT	Pulsar N250	Premium motorcycle	LCD cluster
BJAUT	Pulsar 400	Premium motorcycle	LCD cluster

Source: Company, Emkay Research

Exhibit 8: Pricol leads other auto ancillary companies in terms of R&D exp. as a % of sales

R&D expenditure as a % of sales	FY19	FY20	FY21	FY22	FY23	FY24
Pricol	2.5	3.9	1.7	2.5	3.8	3.3
Minda Corp	0.9	1.1	1.3	1.2	1.1	2.4
Uno Minda	1.5	1.2	0.9	1.3	1.8	1.6
Sona BLW	0.2	2.8	5.8	2.1	2.7	2.5
Bosch	2.6	4.4	4.4	3.1	2.9	3.0

Source: Company, Emkay Research

Exhibit 9: Revenue model – We expect 18%/29% revenue/EPS CAGR over FY24-27E

(Rs mn)	FY19	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Revenues	18,137	12,394	14,131	15,447	19,586	22,718	26,720	32,181	37,000
Growth YoY (%)	33.7	-31.7	14.0	9.3	26.8	16.0	17.6	20.4	15.0
EBITDA	241	854	1,779	1,806	2,285	2,731	3,479	4,441	5,254
Growth YoY (%)	-85.4	254.7	108.4	1.5	26.5	19.5	27.4	27.7	18.3
EBITDA margin (%)	1.3	6.9	12.6	11.7	11.7	12.0	13.0	13.8	14.2
EBIT	(699)	(106)	837	987	1,506	1,910	2,514	3,320	3,892
EBIT margin (%)	-3.9	-0.9	5.9	6.4	7.7	8.4	9.4	10.3	10.5
PAT	(937)	(259)	158	511	1,150	1,406	1,916	2,559	3,016
PAT margin (%)	-5.2	-2.1	1.1	3.3	5.9	6.2	7.2	8.0	8.2
EPS (Rs)	(9.9)	(2.7)	1.3	4.2	9.4	11.5	15.7	21.0	24.7
Capex	(1,400)	1,631	(624)	420	612	1,502	2,000	2,500	3,500
% of sales	(7.7)	13.2	(4.4)	2.7	3.1	6.6	7.5	7.8	9.5
Net debt	2,178	3,842	2,030	1,006	228	(579)	(1,578)	(1,629)	(1,414)
Net D/E (x)	0.4	1.0	0.4	0.2	0.0	(0.1)	(0.2)	(0.1)	(0.1)
Post-tax ROCE (%)	(6.6)	0.5	12.1	14.8	21.5	20.3	19.4	21.5	21.3
ROE (%)	-16.1	-5.8	3.4	9.3	18.0	18.1	20.5	22.5	22.1

Source: Company, Emkay Research

Exhibit 10: Our estimates are largely unchanged

(Rs mn)	FY25E				FY26E				FY27E			
	Earlier	Revised	% Change	% YoY	Earlier	Revised	% Change	% YoY	Earlier	Revised	% Change	% YoY
Net Sales	26,806	26,720	(0.3)	17.6	32,169	32,181	0.0	20.4	37,058	37,000	(0.2)	15.0
EBITDA	3,490	3,479	(0.3)	27.4	4,439	4,441	0.0	27.7	5,262	5,254	(0.2)	18.3
Margin (%)	13.0	13.0	0 bps	100 bps	13.8	13.8	0 bps	78 bps	14.2	14.2	0 bps	40 bps
APAT	1,925	1,916	(0.5)	36.3	2,558	2,559	0.0	33.5	3,052	3,046	(0.2)	19.0
EPS (Rs)	15.8	15.7	(0.5)	36.3	21.0	21.0	(0.0)	33.5	25.0	25.0	(0.1)	19.0

Source: Emkay Research

Exhibit 11: Valuations are attractive for Pricol given strong growth prospects and return ratios, positive linkage to EVs (due to TFTs), and transformation into a multi-product company

	EPS Growth (%)			ROE (%)			P/E (x)			EV/EBITDA (x)			PEG Ratio		
	FY25E	FY26E	FY27E	FY25E	FY26E	FY27E	FY25E	FY26E	FY27E	FY25E	FY26E	FY27E	FY25E	FY26E	FY27E
Uno Minda (Consol.)	23.4	22.0	26.7	19.5	20.1	21.4	56.8	46.6	36.7	31.4	26.4	21.4	2.4	2.1	1.4
Suprajit (Consol.)	47.8	52.0	27.9	17.4	23.3	24.6	30.9	20.3	15.9	17.6	12.3	9.7	0.6	0.4	0.6
Pricol (Consol.)	36.3	33.5	19.0	20.5	22.5	22.1	30.7	23.0	19.3	16.5	12.9	10.9	0.8	0.7	1.0
Sansera (Consol.)*	40.0	32.5	31.6	16.7	19.7	21.5	30.0	22.6	17.2	14.6	11.4	9.8	0.8	0.7	0.5
Endurance Tech (Consol.)*	31.9	25.6	15.4	16.8	18.3	18.4	39.0	31.0	26.9	20.9	17.4	15.5	1.2	1.2	1.7
Gabriel (Parent)*	34.1	24.2	3.5	21.5	21.9	21.6	30.4	24.5	23.6	19.7	16.2	16.0	0.9	1.0	6.8
Minda Corp (Consol.)*	39.7	26.7	19.8	15.0	16.5	17.2	41.0	32.3	27.0	21.1	17.7	15.2	1.0	1.2	1.4
Average (2W Ancillaries)	31.7	27.2	21.2				24.5	19.3	15.9	22.3	18.2	15.5	0.8	0.7	0.7

Source: Company, Bloomberg, Emkay Research; *Note - pertains to Bloomberg consensus estimates

Pricol: Consolidated Financials and Valuations

Profit & Loss					
Y/E Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E
Revenue	19,586	22,718	26,720	32,181	37,000
Revenue growth (%)	26.8	16.0	17.6	20.4	15.0
EBITDA	2,285	2,731	3,479	4,441	5,254
EBITDA growth (%)	26.5	19.5	27.4	27.7	18.3
Depreciation & Amortization	779	821	964	1,120	1,327
EBIT	1,506	1,910	2,514	3,320	3,927
EBIT growth (%)	52.5	26.8	31.6	32.1	18.3
Other operating income	0	0	0	0	0
Other income	46	132	138	152	160
Financial expense	183	183	119	89	59
PBT	1,369	1,859	2,533	3,383	4,027
Extraordinary items	(98)	0	0	0	0
Taxes	219	453	617	824	981
Minority interest	0	0	0	0	0
Income from JV/Associates	0	0	0	0	0
Reported PAT	1,247	1,406	1,916	2,559	3,046
PAT growth (%)	144.1	12.8	36.3	33.5	19.0
Adjusted PAT	1,150	1,406	1,916	2,559	3,046
Diluted EPS (Rs)	9.4	11.5	15.7	21.0	25.0
Diluted EPS growth (%)	125.0	22.3	36.3	33.5	19.0
DPS (Rs)	0.0	0.0	1.0	2.5	4.0
Dividend payout (%)	0.0	0.0	6.4	11.9	16.0
EBITDA margin (%)	11.7	12.0	13.0	13.8	14.2
EBIT margin (%)	7.7	8.4	9.4	10.3	10.6
Effective tax rate (%)	16.0	24.4	24.4	24.4	24.4
NOPLAT (pre-IndAS)	1,265	1,445	1,902	2,512	2,970
Shares outstanding (mn)	121.9	121.9	121.9	121.9	121.9

Source: Company, Emkay Research

Cash flows					
Y/E Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E
PBT	1,369	1,859	2,533	3,383	4,027
Others (non-cash items)	859	1,027	1,084	1,210	1,387
Taxes paid	(368)	(382)	(617)	(824)	(981)
Change in NWC	(295)	43	118	(1,006)	(784)
Operating cash flow	1,663	2,547	3,118	2,763	3,648
Capital expenditure	(842)	(1,376)	(2,000)	(2,500)	(3,500)
Acquisition of business	142	62	0	0	0
Interest & dividend income	9	0	0	0	0
Investing cash flow	(691)	(1,293)	(2,000)	(2,500)	(3,500)
Equity raised/(repaid)	0	0	0	0	0
Debt raised/(repaid)	(457)	(428)	(100)	(180)	(100)
Payment of lease liabilities	68	211	0	0	0
Interest paid	(181)	(182)	(119)	(89)	(59)
Dividend paid (incl tax)	0	0	0	(122)	(305)
Others	(2)	(346)	0	0	0
Financing cash flow	(640)	(957)	(219)	(391)	(464)
Net chg in Cash	333	297	899	(129)	(316)
OCF	1,663	2,547	3,118	2,763	3,648
Adj. OCF (w/o NWC chg.)	1,958	2,504	3,000	3,769	4,433
FCFF	821	1,171	1,118	263	148
FCFE	648	989	999	173	89
OCF/EBITDA (%)	72.8	93.3	89.6	62.2	69.4
FCFE/PAT (%)	51.9	70.3	52.1	6.8	2.9
FCFF/NOPLAT (%)	64.9	81.1	58.8	10.5	5.0

Source: Company, Emkay Research

Balance Sheet					
Y/E Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E
Share capital	122	122	122	122	122
Reserves & Surplus	6,921	8,331	10,125	12,379	14,938
Net worth	7,043	8,453	10,247	12,501	15,059
Minority interests	0	0	0	0	0
Deferred tax liability (net)	407	348	348	348	348
Total debt	1,103	609	509	329	229
Total liabilities & equity	8,553	9,410	11,104	13,178	15,636
Net tangible fixed assets	2,678	3,122	4,158	5,537	7,710
Net intangible assets	2,032	2,032	2,032	2,032	2,032
Net ROU assets	566	566	566	566	566
Capital WIP	146	383	383	383	383
Goodwill	695	596	596	596	596
Investments [JV/Associates]	12	12	12	12	12
Cash & equivalents	876	1,188	2,087	1,958	1,642
Current assets (ex-cash)	6,054	6,457	7,527	9,506	11,074
Current Liab. & Prov.	4,506	4,947	6,256	7,412	8,379
NWC (ex-cash)	1,548	1,511	1,271	2,094	2,695
Total assets	8,553	9,410	11,104	13,178	15,636
Net debt	228	(579)	(1,578)	(1,629)	(1,414)
Capital employed	8,553	9,410	11,104	13,178	15,636
Invested capital	7,519	7,827	8,622	10,825	13,599
BVPS (Rs)	57.8	69.3	84.1	102.6	123.5
Net Debt/Equity (x)	0.0	(0.1)	(0.2)	(0.1)	(0.1)
Net Debt/EBITDA (x)	0.1	(0.2)	(0.5)	(0.4)	(0.3)
Interest coverage (x)	0.1	0.1	0.0	0.0	0.0
RoCE (%)	21.5	20.3	19.4	21.5	21.3

Source: Company, Emkay Research

Valuations and key Ratios					
Y/E Mar	FY23	FY24	FY25E	FY26E	FY27E
P/E (x)	51.2	41.8	30.7	23.0	19.3
P/CE(x)	30.5	26.4	20.4	16.0	13.4
P/B (x)	8.4	7.0	5.7	4.7	3.9
EV/Sales (x)	3.0	2.6	2.1	1.8	1.6
EV/EBITDA (x)	25.8	21.3	16.5	12.9	10.9
EV/EBIT(x)	39.2	30.5	22.8	17.2	14.6
EV/IC (x)	7.9	7.4	6.6	5.3	4.2
FCFF yield (%)	1.4	2.0	2.0	0.5	0.3
FCFE yield (%)	1.1	1.7	1.7	0.3	0.2
Dividend yield (%)	0.0	0.0	0.2	0.5	0.8
DuPont-RoE split					
Net profit margin (%)	5.9	6.2	7.2	8.0	8.2
Total asset turnover (x)	2.4	2.5	2.6	2.7	2.6
Assets/Equity (x)	1.3	1.2	1.1	1.1	1.0
RoE (%)	18.0	18.1	20.5	22.5	22.1
DuPont-RoIC					
NOPLAT margin (%)	6.5	6.4	7.1	7.8	8.0
IC turnover (x)	2.6	2.9	3.1	3.0	2.7
RoIC (%)	17.1	18.8	23.1	25.8	24.3
Operating metrics					
Core NWC days	28.9	24.3	17.4	23.8	26.6
Total NWC days	28.9	24.3	17.4	23.8	26.6
Fixed asset turnover	1.8	1.9	2.0	2.1	2.0
Opex-to-revenue (%)	18.2	19.5	18.6	18.2	17.8

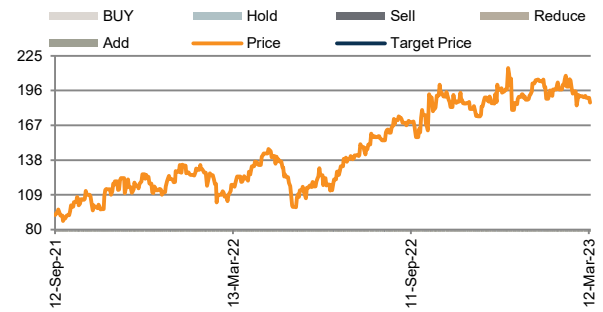
Source: Company, Emkay Research

RECOMMENDATION HISTORY - DETAILS

Date	Closing Price (INR)	TP (INR)	Rating	Analyst
02-Aug-24	517	600	Buy	Chirag Jain
02-Aug-24	517	600	Buy	Chirag Jain
16-May-24	452	525	Buy	Chirag Jain
16-May-24	452	525	Buy	Chirag Jain
06-Feb-24	396	525	Buy	Chirag Jain
06-Feb-24	396	525	Buy	Chirag Jain

Source: Company, Emkay Research

RECOMMENDATION HISTORY - TREND



Source: Company, Bloomberg, Emkay Research

GENERAL DISCLOSURE/DISCLAIMER BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Emkay Global Financial Services Limited (CIN-L67120MH1995PLC084899) and its affiliates are a full-service, brokerage, investment banking, investment management and financing group. Emkay Global Financial Services Limited (EGFSL) along with its affiliates are participants in virtually all securities trading markets in India. EGFSL was established in 1995 and is one of India's leading brokerage and distribution house. EGFSL is a corporate trading member of BSE Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX), Multi Commodity Exchange of India Ltd (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) (hereinafter referred to be as "Stock Exchange(s)"). EGFSL along with its [affiliates] offers the most comprehensive avenues for investments and is engaged in the businesses including stock broking (Institutional and retail), merchant banking, commodity broking, depository participant, portfolio management and services rendered in connection with distribution of primary market issues and financial products like mutual funds, fixed deposits. Details of associates are available on our website i.e. www.emkayglobal.com.

EGFSL is registered as Research Analyst with the Securities and Exchange Board of India ("SEBI") bearing registration Number INH000000354 as per SEBI (Research Analysts) Regulations, 2014. EGFSL hereby declares that it has not defaulted with any Stock Exchange nor its activities were suspended by any Stock Exchange with whom it is registered in last five years. However, SEBI and Stock Exchanges had conducted their routine inspection and based on their observations have issued advice letters or levied minor penalty on EGFSL for certain operational deviations in ordinary/routine course of business. EGFSL has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has its certificate of registration been cancelled by SEBI at any point of time.

EGFSL offers research services to its existing clients as well as prospects. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

This report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information herein is solely for informational purpose and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the clients simultaneously, not all clients may receive this report at the same time. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient.

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. EGFSL may have issued or may issue other reports (on technical or fundamental analysis basis) of the same subject company that are inconsistent with and reach different conclusion from the information, recommendations or information presented in this report or are contrary to those contained in this report. Users of this report may visit www.emkayglobal.com to view all Research Reports of EGFSL. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the research published by any other analyst or by associate entities of EGFSL; our proprietary trading, investment businesses or other associate entities may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest including but not limited to those stated herein. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein. All material presented in this report, unless specifically indicated otherwise, is under copyright to Emkay. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of EGFSL. All trademarks, service marks and logos used in this report are trademarks or registered trademarks of EGFSL or its affiliates. The information contained herein is not intended for publication or distribution or circulation in any manner whatsoever and any unauthorized reading, dissemination, distribution or copying of this communication is prohibited unless otherwise expressly authorized. Please ensure that you have read "Risk Disclosure Document for Capital Market and Derivatives Segments" as prescribed by Securities and Exchange Board of India before investing in Indian Securities Market. In so far as this report includes current or historic information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

This report has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research report relating to any issuer/subject company.

Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets.

Disclaimer for U.S. persons only: Research report is a product of Emkay Global Financial Services Ltd., under Marco Polo Securities 15a6 chaperone service, which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of Financial Institutions Regulatory Authority (FINRA) or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor. In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, Emkay Global Financial Services Ltd. has entered into a chaperoning agreement with a U.S. registered broker-dealer, Marco Polo Securities Inc. ("Marco Polo"). Transactions in securities discussed in this research report should be effected through Marco Polo or another U.S. registered broker dealer.

RESTRICTIONS ON DISTRIBUTION

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation. Except otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions. Specifically, this document does not constitute an offer to or solicitation to any U.S. person for the purchase or sale of any financial instrument or as an official confirmation of any transaction to any U.S. person. Unless otherwise stated, this message should not be construed as official confirmation of any transaction. No part of this document may be distributed in Canada or used by private customers in United Kingdom.

ANALYST CERTIFICATION BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL)

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible of the content of this research report, in part or in whole, certifies that he or his associated persons¹ may have served as an officer, director or employee of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant). The research analyst(s) primarily responsible for the content of this research report or his associate may have Financial Interests² in relation to an issuer or a new listing applicant that the analyst reviews. EGFSL has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the EGFSL and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of EGFSL compensation to any specific investment banking function of the EGFSL.

¹ An associated person is defined as (i) who reports directly or indirectly to such a research analyst in connection with the preparation of the reports; or (ii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

² Financial Interest is defined as interest that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at the arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.

COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report:-

- EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her associate/relative's may have Financial Interest/proprietary positions in the securities recommended in this report as of September 10, 2024
- EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Report
Disclosure of previous investment recommendation produced:
- EGFSL may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by EGFSL in the preceding 12 months.
- EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's may have material conflict of interest in the securities recommended in this report as of September 10, 2024
- EGFSL, its affiliates and Research Analyst or his/her associate/relative's may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the September 10, 2024
- EGFSL or its associates may have managed or co-managed public offering of securities for the subject company in the past twelve months.
- EGFSL, its affiliates and Research Analyst or his/her associate may have received compensation in whatever form including compensation for investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services from securities recommended in this report (subject company) in the past 12 months.
- EGFSL, its affiliates and/or and Research Analyst or his/her associate may have received any compensation or other benefits from the subject company or third party in connection with this research report.

Emkay Rating Distribution

Ratings	Expected Return within the next 12-18 months.
BUY	>15% upside
ADD	5-15% upside
REDUCE	5% upside to 15% downside
SELL	<15% downside

Emkay Global Financial Services Ltd.

CIN - L67120MH1995PLC084899

7th Floor, The Ruby, Senapati Bapat Marg, Dadar - West, Mumbai - 400028. India
Tel: +91 22 66121212 Fax: +91 22 66121299 Web: www.emkayglobal.com

OTHER DISCLAIMERS AND DISCLOSURES:

Other disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) :-

EGFSL or its associates may have financial interest in the subject company.

Research Analyst or his/her associate/relative's may have financial interest in the subject company.

EGFSL or its associates and Research Analyst or his/her associate/ relative's may have material conflict of interest in the subject company. The research Analyst or research entity (EGFSL) have not been engaged in market making activity for the subject company.

EGFSL or its associates may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of public appearance or publication of Research Report.

Research Analyst or his/her associate/relatives may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of public appearance or publication of Research Report.

Research Analyst may have served as an officer, director or employee of the subject company.

EGFSL or its affiliates may have received any compensation including for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. . Emkay may have issued or may issue other reports that are inconsistent with and reach different conclusion from the information, recommendations or information presented in this report or are contrary to those contained in this report. Emkay Investors may visit www.emkayglobal.com to view all Research Reports. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the research published by any other analyst or by associate entities of Emkay; our proprietary trading, investment businesses or other associate entities may make investment decisions that are inconsistent with the recommendations expressed herein. EGFSL or its associates may have received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months. EGFSL or its associates may have received any compensation or other benefits from the Subject Company or third party in connection with the research report. EGFSL or its associates may have received compensation from the subject company in the past twelve months. Subject Company may have been client of EGFSL or its affiliates during twelve months preceding the date of distribution of the research report and EGFSL or its affiliates may have co-managed public offering of securities for the subject company in the past twelve months.

**SESHADRI
KUMAR SEN**

Digitally signed by SESHADRI KUMAR SEN
DN: c=IN, o=Personal,
pseudonym=133422712594461905DSVUy8kkun4ET,
2.5.4.20=1217a0ac22644d6a490a50ef35978ca2cbcf94e39,
540b670ba1c1229f6e1ced7, postalCode=400011,
st=Maharashtra,
serialNumber=07837cb61a11364e9d2229a78d0af55d5d5
99531e83b08ee76a10dbb491f06e, cn=SESHADRI KUMAR
SEN
Date: 2024.09.10 23:00:16 +05'30'

This report is intended for team emkay@whitemarquesolutions.com use and downloaded at 09/11/2024 11:12 AM

Emkay Research is also available on www.emkayglobal.com and Bloomberg EMKAY<GO>. Please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore.