

Automobiles

To fire on all cylinders: Gearing up for the festive demand...

...expect YoY retail growth across the segments

Our interactions with the leading channel partners indicate a sustained recovery in domestic 2W demand as the retail is expected to grow 4-5% YoY. This will be fueled by 5-7%/3-5% YoY volume growth in urban/rural. In CVs, while fleet utilization remained weak due to seasonality impact, MHCV retail is expected to grow 4-6% YoY as freight demand is likely to improve post-monsoon owing to the upcoming festive season. PV retail is likely to jump 5-7% YoY propelled by execution of order backlog and moderating supply chain issues. However, inventory has inched up across geographies and remains on the higher side at 40-45 days in South India while remaining lower in western and central parts at 35-40 days each. Tractor volumes are expected to grow 3-5% YoY led by healthy reservoir level and favorable crop realization. However, demand has remained muted in the southern markets.

- 2Ws: Retail for Aug'23 is expected to improve 4-5% YoY driven by stable urban demand along with gradual recovery in rural market. Our checks suggest urban volume growth has been in the range of 5-7% YoY while rural growth has been 3-5% YoY. iQube, which had a waiting period of one month, is now readily available post the decline in sales due to FAME subsidy reduction. To counter the competition in the 100CC segment, prices for both TVS Radeon and HMCL's HF Deluxe have been cut by INR4k-5k. The volumes of HF Deluxe have been adversely impacted by just 10-15% due to Shine 100, while there is no major impact on Splendor. However, this is likely to come down further going forward. Inventory across most of the 2W dealers stands healthy at 35-40 days with HMCL being the highest with 45-50 days. RE currently has an inventory level of 2-3 weeks. We expect dispatches for HMCL/BJAUT to decline 7%/18% YoY, while the same is projected to grow for TVSL/RE by ~3%/8% YoY.
- CVs: MHCV retail is anticipated to grow 4-6% YoY during the month as freight demand is likely to improve post-monsoon due to the upcoming festive season. LCV volumes are projected to decline 3-5% YoY. Due to seasonality, return freight demand has been muted during the month. Our interactions with one of the fleet operators indicated that number of trips per month in the route has declined to 2.5 trips v/s 3.5 normally for the specific route. This has resulted in a freight rate decline of 10-15% vis-à-vis last quarter. However, freight load is expected to improve driven by rural recovery on the back of better agri sentiments and improving port demand. This coupled with upcoming festivals and positive macro outlook should drive healthy growth from mid-Sep'23. We expect dispatches for TTMT CV/ AL/VECV to grow 7%/10%/17% YoY.
- PVs: Retail is anticipated to jump 5-7% YoY fueled by execution of order backlog and easing supply chain issues. Inquiries and bookings continue to remain stable MoM. TTMT launched its twin-cylinder CNG technology in all its petrol-powered models (ex-Nexon) and initial feedback from dealers suggests 20% incremental sales from these variants. MSIL dealers do not expect a dent in demand for their CNG-powered vehicles in the short term and expect this move by TTMT to expand the CNG market as a whole. MSIL's Jimny has a waiting period of just

"People have realized BS6 emission norms will be here for the next few years and they are replacing their fleets with the latest technology. Heavy and medium-duty trucks in India could anywhere be between 15-17 million units that will reach their mandated lifespan in the coming few years. Basically there is still a huge replacement demand to be fulfilled. This replacement is consistent enough to give us at least a decade of growth for the CV industry and we are preparing for that..."

Mr. Satyakam Arya, MD & CEO, Daimler India CV

Jinesh Gandhi – Research Analyst (Jinesh@MotilalOswal.com)

two weeks with the initial euphoria coming off while that of Ertiga continues to remain 8-12 months (varies region wise), specifically for automatic and CNG variants. Inventory days have inched up across geographies and remained on the higher side (40-45 days) in South India while remaining lower in western and central parts at 35-40 days each. We expect dispatches for MSIL/MM (including pickups) /TTMT to grow 11%/12% /3% YoY.

- Tractors: Our channel checks suggest Aug'23 retail to grow 3-5% YoY fueled by healthy reservoir level and favorable crop realizations. However, demand has remained muted in the southern markets. Inventory level has started inching up as we approach the festive season and it currently stands at 6-7 weeks vis-à-vis 5-6 weeks in Jul'23. During the month, M&M has launched its new lightweight 4WD tractor range 'Oja', at a pricing of INR5.64L/INR7.35L for OJA 2127/OJA 3140 models. Our interactions with channel partners suggest that the models provide some best-in-segment features and this will help M&M strengthen its presence in the category along with its other range of products, Jivo and Yuvraj. However, pricing of OJA 3140 seems higher than peers and traction will be seen in limited regions for that specific model. M&M took price increase of INR6-7k/unit this month. We expect dispatches for M&M/ESCORTS to grow 7%/ decline 1.5% YoY.
- Valuation and view: We prefer CVs over other segments, led by strong demand and a stable competitive environment. We prefer companies with: 1) higher visibility in terms of demand recovery, 2) a strong competitive positioning, 3) encouraging margin drivers, and 4) a strong balance sheet. TTMT and AL are our top OEM picks and BHFC is among our preferred auto component stocks.

Snapshot of volumes for Aug-23

Snapshot of volumes for Aug-23												
YoY		W. 37	Mol							Residual	Residual	FY24 YTD
Aug-23	Aug-22	YoY (%) chg	Jul-23	MoM (%) chg	FY24YTD	FY23YTD	(%) chg	FY24E Gr. (Growth (%)	Monthly Run rate	Monthly Run rate
1,83,129	1,65,173	10.9	1,81,630	0.8	8,62,789	8,09,020	6.6	21,68,905	10.3	12.9	1,86,588	1,72,558
3,034	3,371	-10.0	2,559	18.6	13,672	17,004	-19.6	37,246	-2.0	12.2	3,368	2,734
11,879	11,999	-1.0	12,037	-1.3	56,592	56,813	-0.4	1,40,374	7.0	12.6	11,969	11,318
11,081	22,162	-50.0	9,590	15.5	61,071	91,482	-33.2	2,18,605	-6.1	11.4	22,505	12,214
73,089	74,581	-2.0	71,848	1.7	3,68,440	3,74,061	-1.5	9,32,481	3.3	6.7	80,577	73,688
1,364	1,516	-10.0	1,348	1.2	6,465	5,567	16.1	13,950	2.5	-6.9	1,069	1,293
60,126	30,063	100.0	62,049	-3.1	2,48,576	1,52,864	62.6	5,64,322	45.3	34.1	45,107	49,715
1,60,574	1,43,692	11.7	1,59,431	0.7	7,54,817	6,97,791	8.2	19,06,979	20.7	30.6	1,64,595	1,50,963
22,555	21,481	5.0	22,199	1.6	1,07,972	1,11,229	-2.9	2,61,926	1.0	3.9	21,993	21,594
90,917	80,569	12.8	91,299	-0.4	4,83,363	4,31,995	11.9	12,55,186	13.5	14.5	1,10,260	96,673
60,032	53,600	12.0	58,648	2.4	2,83,718	2,45,436	15.6	7,40,133	17.5	18.7	65,202	56,744
1,148	656	75.0	995	15.4	5,463	3,417	59.9	13,532	34.8	21.9	1,153	1,093
6,710	4,793	40.0	6,481	3.5	30,971	19,806	56.4	75,637	29.3	15.4	6,381	6,194
23,026	21,520	7.0	25,175	-8.5	1,63,210	1,63,336	-0.1		4.5	7.6	37,525	32,642
82,324	78,843	4.4	80,633	2.1	3,89,202	3,91,881	-0.7	10,13,881	6.2	11.0	89,240	77,840
14,388	12,846	12.0	13,830	4.0	63,863	65,516	-2.5	1,89,407	4.7	8.9	17,935	12,773
19,205	18,646	3.0	19,114	0.5	88,469	1,01,051	-12.5	2,37,149	1.9	12.9	21,240	17,694
33,593	31,492	6.7	32,944	2.0	1,52,332	1,66,567	-8.5	4,26,555	3.1	11.0	39,175	30,466
13,827	14,110	-2.0	13,250	4.4	69,959	70,293	-0.5	1,81,581	2.5	4.4	15,946	13,992
34,903	33,241	5.0	34,439	1.3		-	7.7	4,05,744	11.5	14.3	34,119	33,382
4,30,225	4,62,608	-7.0	3,91,310	9.9	21,74,109	22,98,381	-5.4	56,17,340	5.4	13.6	4,91,890	4,34,822
3,43,824	4,01,595	-14.4	3,19,747	7.5	16,90,978	16,89,911	0.1	43,86,094	11.7	20.4	3,85,017	3,38,196
2,92,172	3,55,625	-17.8	2,68,840	8.7	14,50,342	15,17,837	-4.4	38,04,016	10.5	22.3	3,36,239	2,90,068
2,92,172	3,55,625	-17.8	2,68,840	8.7	14,50,342	15,17,837	-4.4	38,04,016	10.5	22.3	3,36,239	2,90,068
51,652	45,970	12.4	50,907	1.5						9.1	48,778	48,127
		-22.0	1,79,263	11.8	10,21,173	7,92,547	28.8	25,68,539	21.9	17.8	2,21,052	2,04,235
1,43,470	1,44,840	-0.9	1,40,484	2.1	6,69,805	8,97,364	-25.4	18,17,554	-0.2	24.2	1,63,964	1,33,961
15,572	14,121	10.3	15,068	3.3	71,969	67,397	6.8	2,13,244	10.9	13.2	20,182	14,394
9,887	8,379	18.0	9,571	3.3	45,623	41,514	9.9	1,40,973	13.6	15.4	13,621	9,125
5,685	5,742	-1.0	5,497	3.4	26,346	25,883	2	72,271	6.1	8.8	6,561	5,269
3,40,336	3,33,787	2.0	3,25,977	4.4	16,19,557	15,55,217	4.1	42,23,133	14.8	22.5	3,71,939	3,23,911
				5.1	7,78,595	7,41,120	5.1	20,22,766	16.7	25.4	1,77,739	1,55,719
1,36,490	1,21,866			0.9	6,24,729	5,53,755	12.8	15,70,016	17.7	21.2	1,35,041	1,24,946
				18.6	1,53,203	1,81,117	-15.4	4,54,815	2.0	14.0	43,087	30,641
14,598	18,248	-20.0	13,670	6.8	63,030	79,225	-20.4	1,75,536	5.0	27.8	16,072	12,606
					12,11,808							2,42,362
	-											81,550
												75,309
												6,262
2,884	2,670	8.0		4.5	14,384	13,269	8.4	42,831	10.0	10.8	4,064	2,877
		40.0		6.9		6,073	23.4		13.0	8.1		1,499
897	815	10.0		-24.2			16.7		20.0	22.2		1,384
			-									172
												5,931
												331
												7,634
			5,161			34,620		1,01,764	6.8	8.7	9,416	7,171
5,467	5,308	3.0		5.9	35,854	34 h ///	3.6				9410	
	YoY Aug-23 1,83,129 3,034 11,879 11,081 73,089 1,364 60,126 1,60,574 22,555 90,917 60,032 1,148 6,710 23,026 82,324 14,388 19,205 33,593 13,827 34,903 4,30,225 3,43,824 2,92,172 2,92,172 51,652 2,00,354 1,43,470 15,572 9,887 5,685 3,40,336 1,61,832 1,36,490 27,416 14,598 2,49,214 91,122 75,721 5,863 2,884 1,463 897 148 5,391 472 6,017	YoY Aug-23 Aug-22 1,83,1291,65,173 3,034 3,371 11,879 11,999 11,081 22,162 73,089 74,581 1,364 1,516 60,126 30,063 1,60,5741,43,692 22,555 21,481 90,917 80,569 60,032 53,600 1,148 656 6,710 4,793 23,026 21,520 82,324 78,843 14,388 12,846 19,205 18,646 33,593 31,492 13,827 14,110 34,903 33,241 4,30,2254,62,608 3,43,8244,01,595 2,92,1723,55,625 2,92,1723,55,625 2,92,1723,55,625 2,92,1723,55,625 5,1,652 45,970 2,00,3542,56,755 1,43,4701,44,840 15,572 14,121 9,887 8,379 5,685 5,742 3,40,3363,33,787 1,61,8321,57,118 1,36,4901,21,866 27,416 36,555 14,598 18,248 2,49,2142,40,676 91,122 93,111 75,721 70,112	YoY Aug-22 YoY (%) chg 1,83,1291,65,173 10.9 3,034 3,371 -10.0 11,879 11,999 -1.0 11,364 1,516 -10.0 60,126 30,063 100.0 1,60,5741,43,692 11.7 22,555 21,481 5.0 90,917 80,569 12.8 60,032 53,600 12.0 1,148 656 75.0 6,710 4,793 40.0 23,026 21,520 7.0 82,324 78,843 4.4 14,388 12,846 12.0 19,205 18,646 3.0 33,593 31,492 6.7 13,827 14,110 -2.0 34,302254,62,608 -7.0 3,43,8244,01,595 -14.4 2,92,1723,55,625 -17.8 51,652 45,970 12.4 2,92,1723,55,625 -17.8 51,652 45,970 12.4 <	YoY Aug-22 (%) chg Jul-23 chg 1,83,1291,65,173 10.9 1,81,630 3,034 3,371 -10.0 2,559 11,879 11,999 -1.0 12,037 11,081 22,162 -50.0 9,590 73,089 74,581 -2.0 71,848 1,364 1,516 -10.0 1,348 60,126 30,063 100.0 62,049 1,60,574 1,43692 11.7 1,59,431 22,555 21,481 5.0 22,199 90,917 80,569 12.8 91,299 60,032 53,600 12.0 58,648 1,148 656 75.0 995 6,710 4,793 40.0 6,481 23,026 21,520 7.0 25,175 82,324 78,843 4.4 80,633 14,388 12,846 12.0 13,250 34,903 33,241 5.0 34,439 4,30,225	YoY MoM Aug-23 VoY Jul-23 (%) 1,83,129 1,65,173 10.9 1,81,630 0.8 3,034 3,371 -10.0 2,559 18.6 11,879 11,999 -1.0 12,037 -1.3 11,081 22,162 -50.0 9,590 15.5 73,089 74,581 -2.0 71,848 1.7 1,364 1,516 -10.0 1,348 1.2 60,126 30,063 100.0 62,049 -3.1 1,60,574 1,43,692 11.7 1,59,431 0.7 22,555 21,481 5.0 22,199 1.6 90,917 80,569 12.8 91,299 -0.4 60,032 53,600 12.0 58,648 2.4 1,148 656 75.0 995 15.4 6,710 4,793 40.0 6,481 3.5 23,026 21,520 7.0 25,175 -8.5 82,324	YoY MoM (%) chg MoM (%) chg FY24YTD (%) chg 1,83,1291,65,173 10.9 1,81,630 0.8 8,62,789 3,034 3,371 -10.0 2,559 18.6 13,672 11,879 11,999 -1.0 12,037 -1.3 56,592 11,081 22,162 -50.0 9,590 15.5 61,071 173,089 74,581 -2.0 71,848 1.2 6,465 60,126 30,063 100.0 62,049 -3.1 2,48,576 1,60,57±,43,692 11.7 1,59,431 0.7 7,54,817 22,555 21,481 5.0 22,199 1.6 1,07,972 90,917 80,569 12.8 91,299 -0.4 4,83,363 60,032 53,600 12.0 58,648 2.4 2,83,718 1,148 656 75.0 995 15.4 5,463 6,710 4,793 40.0 6,481 3.5 30,971 13,824	YOY YOY MOM Chg MOM Chg FY24YTD Chg FY24YTD Chg FY24YTD FY23YTD Chg FY24YTD FY24	YoY YoY MoM MoM Jul-23 (%) (%) (%) (%) (%) (%) (%) (%) (%) (%)	No	No No No No No No No No	Not	Not

Comparative valuations

-	Rating	Mcap	СМР	TP	P/I	E (x)		EV/	EBITDA	A (x)	РВ	(x)		FY25 (%		EPS CAGR (%) FY23-
Auto OEM's		(INR b)	(INR)	(INR)	FY23	FY24E	FY25E	FY23	FY24E	FY25E	FY23	FY24E	FY25E	Div	FCF	25E
Bajaj Auto	Neutral	1,298	4,589	5,150	21.4	16.9	15.1	16.3	12.3	10.8	5.1	4.8	4.5	4.8	5.1	19.0
Hero MotoCorp	Buy	583	2,911	3,630	20.0	15.5	14.6	11.7	9.0	8.0	3.5	3.2	2.9	3.8	7.5	17.1
TVS Motor	Neutral	636	1,339	1,300	44.0	30.7	26.9	24.5	18.3	15.8	10.5	8.1	6.4	0.5	3.4	28.0
Eicher Motors	Neutral	914	3,342	3,600	31.4	23.4	20.4	26.3	20.8	17.8	6.1	5.2	4.4	1.5	4.8	24.1
Maruti Suzuki	Buy	2,872	9,509	11,150	35.7	24.9	22.7	21.9	16.0	13.6	4.8	4.2	3.7	1.5	2.7	24.8
M&M	Buy	1,821	1,520	1,725	23.4	17.6	16.4	15.7	11.4	9.9	2.1	1.8	1.5	1.5	5.7	19.7
Tata Motors	Buy	2,226	605	750	281.5	14.7	14.4	9.2	4.5	3.9	5.1	3.9	3.0	0.7	4.5	342.4
Ashok Leyland	Buy	546	186	210	41.2	19.5	15.3	19.0	11.1	9.6	7.4	6.5	5.1	1.1	6.9	64.1
Escorts	Neutral	374	3,052	2,450	59.5	33.5	29.1	45.3	25.4	19.9	4.9	4.1	3.6	0.3	3.0	42.9
Auto Ancillaries																
Bharat Forge	Buy	476	1,022	1,135	87.9	35.2	25.7	30.0	18.8	15.3	7.1	6.1	5.1	0.6	4.5	84.8
Exide Industries	Buy	220	259	290	24.4	20.5	16.9	14.0	12.0	10.1	2.0	1.8	1.7	1.2	6.7	20.1
Amara Raja	Neutral	107	624	665	14.6	13.0	11.6	7.8	6.9	6.2	2.0	1.8	1.6	2.4	6.4	12.1
BOSCH	Neutral	539	18,271	18,500	37.8	30.7	25.9	28.7	23.4	18.7	4.9	4.5	4.2	1.9	2.3	20.8
Endurance Tech	Buy	227	1,613	2,050	46.5	30.9	25.8	22.1	16.3	13.5	5.1	4.5	3.9	0.6	2.5	34.4
SAMIL	Buy	650	96	115	41.5	22.1	19.5	11.7	8.6	7.5	2.9	2.7	2.4	1.5	5.6	45.8
CIE Automotive	Buy	192	506	600	28.0	21.1	17.2	16.6	12.5	10.4	3.7	3.3	2.8	1.0	4.4	27.4
CEAT	Buy	93	2,300	3,000	44.3	14.5	12.1	11.6	6.6	5.6	2.7	2.3	2.0	0.8	9.5	91.5
Balkrishna Ind	Neutral	459	2,373	2,250	45.5	32.9	25.8	24.0	20.1	16.3	6.1	5.5	4.8	1.5	2.8	32.9
MRF	Sell	460	1,08,532	94,500	59.8	22.1	21.9	18.9	10.2	9.5	3.1	2.8	2.5	0.2	3.8	65.4
Apollo Tyres	Buy	247	389	500	22.7	13.6	12.0	8.8	6.0	5.3	1.5	1.4	1.2	1.4	10.1	37.5
Sona BLW	Neutral	343	586	600	86.3	65.6	50.4	49.7	37.7	29.8	15.0	12.9	11.0	0.6	1.0	30.9
Tube Investments	Buy	540	2,881	3,655	71.1	49.2	40.2	31.7	25.8	21.5	14.1	11.3	9.1	0.3	3.4	32.9
MSUMI	Buy	263	60	70	54.1	39.7	31.6	33.8	25.4	20.4	19.8	15.4	12.3	1.9	2.7	30.8
CRAFTSMAN	Buy	103	4,887	5,600	41.6	26.1	21.0	16.3	11.1	9.4	7.3	5.7	4.6	0.4	4.6	40.7

Explanation of Investment Rating						
Investment Rating	Expected return (over 12-month)					
BUY	>=15%					
SELL	<-10%					
NEUTRAL	< - 10 % to 15%					
UNDER REVIEW	Rating may undergo a change					
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation					

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions, however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the laxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at www.nseindia.com, <a href="www.nseindia.co and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg. No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S. Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets Singapore Pte Ltd ("MOCMSPL") (Co. Reg. NO. 201129401Z) which is a holder of a capital markets services license and an exempt financial adviser in Singapore. As per the approved agreement under Paragraph 9 of Third Schedule of Securities and Futures Act (CAP 289) and Paragraph 11 of First Schedule of Financial Advisors Act (CAP 110) provided to MOCMSPL by Monetary Authority of Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualify as "Institutional Investors", of which some of whom may consist of "accredited" institutional investors as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Accordingly, if a Singapore person is not or ceases to be such an institutional investor, such Singapore Person must immediately discontinue any use of this Report and inform MOCMSPL.

Specific Disclosures

- MOFSL, Research Analyst and/or his relatives does not have financial interest in the subject company, as they do not have equity holdings in the subject company.
- MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company
- MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- MOFSL, Research Analyst and/or his relatives do not have material conflict of interest in the subject company at the time of publication of research report
- Research Analyst has not served as director/officer/employee in the subject company
- MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- MOFSL has not received compensation for investment banking/ merchant banking/brokerage services from the subject company in the past 12 months
- 8 MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received any compensation or other benefits from third party in connection with the research report
- MOFSL has not engaged in market making activity for the subject company

The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance
- received compensation/other benefits from the subject company in the past 12 months

27 August 2023 5

- any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

- acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)
- received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.
- Served subject company as its clients during twelve months preceding the date of distribution of the research report.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Disclaimer

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may 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. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. 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. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. This report is not directed 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, regulation or which would subject MOFSL to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

This report is meant for the clients of Motilal Oswal only.

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263

www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

Grievance Redressal Cell:

Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN .: 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.