



Estimate change
TP change
Rating change



Bloomberg	CAMS IN
Equity Shares (m)	49
M.Cap.(INRb)/(USDb)	116.6 / 1.4
52-Week Range (INR)	2689 / 2002
1, 6, 12 Rel. Per (%)	3/-5/-12
12M Avg Val (INR M)	325

### Financials & Valuations (INR b)

Y/E March	2023	2024E	2025E
AAUM (INR t)	27.3	32.0	36.7
Revenue	9.7	10.7	12.3
EBITDA	4.2	4.7	5.6
Margin (%)	43.3	43.7	45.9
PAT	2.8	3.2	4.0
PAT Margin (%)	29	30	32
EPS	58.1	65.7	80.9
EPS Grw. (%)	-0.8	13.1	23.2
BVPS	159.7	182.5	210.9
RoE (%)	39.8	38.4	41.1
Div. Payout (%)	65.0	65.0	65.0
Valuations			
P/E (x)	40.9	36.2	29.4
P/BV (x)	14.9	13.0	11.3
Div. Yield (%)	1.6	1.8	2.2

### Shareholding pattern (%)

As On	Jun-23	Mar-23	Jun-22
Promoter	19.9	19.9	23.7
DII	11.7	12.9	14.7
FII	35.8	35.0	29.3
Others	32.6	32.2	32.3
	•	•	

FII Includes depository receipts

CMP: INR2,378 TP: INR2,800 (+18%)

# Buy

# Elevated expenses lead to 5% miss on profitability

- CAMS reported a net profit of INR757m, a growth of 17% YoY. PAT for the quarter fell 5% short of our estimates. The share of Non-MF business improved in 1QFY24 and is expected to continue increasing throughout FY24. Operating revenue reached INR2.6b, up 10.4% YoY and 4.8% QoQ, in line with our estimates.
- Account Aggregator, AIF/PMS RTA and Insurance Repository are likely to be the drivers for growth in the non-MF business share of revenues. With most of the contracts re-negotiated, the company does not expect any large hit in case of any further cuts in TER by the regulator for AMCs.
- Currently, we have a BUY rating on the stock with a target price of INR2,800 at a P/E multiple of 35x on FY25 earnings.

### Share of Non-MF business rises to 12.6%

- QAAUM grew 15% YoY to INR 30t. However, equity AUM improved 3.2%
   YoY to INR 20.6t in 1QFY24.
- The share of the non-MF business in revenue increased to 12.6% in 1QFY24.
- Non-MF revenue improved 45% YoY to INR 329m in 1QFY24. The Alternative Services segment maintained its high growth trajectory, recording ~15% YoY revenue growth in 1QFY24. Revenue from CAMSpay increased 24% YoY in 1QFY24.
- Policy Genie Deep Contact Tracing Solution, uniquely offered by CAMS Insurance Repository, has processed INR 10b unclaimed amount using deep contact tracing. On a sequential basis, revenue share of insurance repository declined to 1.5% in 1QFY24.

### **EBIDTA margins improved YoY**

- In terms of expenses, employee expenses, operating expenses, and other expenses were higher by 2%, 22%, and 26% YoY, respectively. Overall YoY growth in operating expenses is in line with the growth in revenue.
- EBIDTA came in at INR 1,101m. EBIDTA margin stood at 42.1% in 1QFY24 vs. 41.4% in 1QFY23 and 43.8% in 4QFY23. EBIDTA was 6% lower than our estimates.
- PAT grew 17% YoY and 2% QoQ to INR757m in 1QFY24.

### Key takeaways from the management commentary

- Decline in yields is on account of resetting of commission charges for some large customers. The maximum impact has been accounted for in 1QFY24 and some incremental impact could be seen in 2QFY24. Yields are expected to remain steady post 2QFY24. Outside of the telescopic structure (expect for few resetting AMCs), yields are holding up well.
- CAMS expects ~20% contribution from the non-MF business over the next few years. At an aggregate level, EBIDTA margins stand up at mid to higher 20's (with AIFs in 40s). The margins are expected to scale up gradually.
- CAMS has partnered with Temenos for Multifonds (leading fund administration platform used by 9 out of the top 15 global asset servicers) to bolster service offering to domestic and GIFT city clients.

Prayesh Jain - Research Analyst (Prayesh.Jain@MotilalOswal.com)

Research Analyst: Nitin Aggarwal (Nitin.Aggarwal@MotilalOswal.com) / Nemin Dosh (Nemin.Doshi@MotilalOswal.com)

## **Valuation and View**

- Empirically, CAMS has traded at a premium to listed AMCs in terms of one-year forward P/E. This premium is well deserved, given: 1) the duopoly nature of the industry and high-entry barriers, 2) relatively low risk of a market share loss, and 3) higher customer ownership as compared to AMCs.
- Structural tailwinds in the MF industry shall aid absolute growth in MF revenue. Albeit for any adverse implications from the forthcoming TER regulations, we believe, MF business is well poised to deliver 1.5x nominal GDP growth over the longer term. With favorable macro triggers and right investments, non-MF share of revenues for CAMS is expected to increase to 15% from 10% in the next three to five years.
- Currently, we have a BUY rating on the stock with a target price of INR2,800 at a P/E multiple of 35x on FY25 earnings.

Quarterly Performance												(INR m)
Y/E March		FY2	:3			FY2	4E		FY23	EV24E	1QFY24E	Act v/s
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE	F123	F124E	IQF124E	Est. (%)
Revenue from Operations	2,366	2,424	2,436	2,492	2,613	2,652	2,692	2,740	9,718	10,697	2,654	-1.6
Change YoY (%)	17.6	6.5	2.5	2.5	10.4	9.4	10.5	9.9	6.8	10.1	12.2	
Employee expenses	933	901	871	876	950	947	961	1,010	3,581	3,867	947.6	0.2
Operating expenses	267	274	282	294	327	310	312	319	1,123	1,269	313.2	4.4
Other Expenses	188	189	200	232	236	217	221	217	803	891	219.0	7.7
<b>Total Operating Expenses</b>	1,388	1,363	1,354	1,401	1,512	1,475	1,494	1,546	5,506	6,027	1,480	2.2
Change YoY (%)	28.2	11.9	8.8	7.0	9.0	8.2	10.4	10.3	13.4	9.5	6.7	
EBITDA	979	1,061	1,082	1,091	1,101	1,178	1,198	1,194	4,212	4,670	1,175	-6.3
Other Income	44	74	71	79	97	95	95	104	268	391	75	29.0
Depreciation	136	147	155	164	165	170	177	183	603	694	174	-5.0
Finance Cost	18	18	20	20	20	19	19	18	76	76	19	6.4
PBT	869	970	978	985	1,012	1,084	1,097	1,098	3,802	4,291	1,057	-4.2
Change YoY (%)	2.3	0.5	-4.4	-0.4	16.4	11.7	12.2	11.4	-0.7	12.9	21.6	
Tax Provisions	223	249	242	242	255	271	274	272	956	1,073	264	-3.4
Net Profit	646	721	736	744	757	813	823	826	2,846	3,218	793	-4.5
Change YoY (%)	2.2	-0.6	-4.9	0.7	17.1	12.7	11.8	11.0	-0.8	13.1	22.6	
<b>Key Operating Parameters (%)</b>												
Revenue / AUM (bps)	3.6	3.6	3.5	3.6	3.5	3.5	3.5	3.5	3.6	3.3	3.5	-0.1
Opex / AUM (bps)	2.1	2.0	1.9	2.0	2.0	1.9	2.0	2.0	2.02	1.88	2.0	0.0
PBT / AUM (bps)	1.3	1.4	1.4	1.4	1.3	1.4	1.4	1.4	1.39	1.34	1.4	-0.1
PAT / AUM (bps)	1.0	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.04	1.01	1.1	0.0
Cost to Operating Income Ratio	58.6	56.2	55.6	56.2	57.9	55.6	55.5	56.4	56.7	56.3	55.8	2.1
EBITDA Margin	41.4	43.8	44.4	43.8	42.1	44.4	44.5	43.6	43.3	43.7	44.3	-2.1
PBT Margin	36.7	40.0	40.1	39.5	38.7	40.9	40.8	40.1	39.1	40.1	39.8	-1.1
Tax Rate	25.6	25.6	24.8	24.5	25.2	25.0	25.0	24.8	25.1	25.0	25.0	0.2
PAT Margin	27.3	29.8	30.2	29.8	29.0	30.6	30.6	30.1	29.3	30.1	29.9	-0.9
Opex Mix (%)												
Employee expenses	67.2	66.1	64.4	62.5	62.8	64.2	64.3	65.3	65.0	64.2	64.0	1.3
Operating expenses	19.3	20.1	20.9	21.0	21.6	21.0	20.9	20.6	20.4	21.0	21.2	-0.5
Other Expenses	13.5	13.8	14.8	16.5	15.6	14.7	14.8	14.0	14.6	14.8	14.8	-0.8
Key Parameters												
QAUM (INR b)	26,200	27,100	27,800	28,000	30,000	30,300	30,603	30,909	27,300	32,015	29,960	0.1
Share of Equity AUM (%)	43.1	45.0	46.4	44.3	46.3	46.6	46.6	46.6	45.4	46.5	44.7	1.6



### Key takeaways from the management commentary

### MF business

CAMS wins RTA mandates from Angel One and Torus Oro Mutual Fund, solidifying its position as the preferred partner for new age AMCs. CAMS has won four out of the last six new to the market MF RTA mandates.

- 1QFY24 was marked with increased QoQ MF AuM share from 68.3% to 68.7%, riding on higher share of net sales in both equity and debt segments. CAMS Share in equity net sales increases from 73% to 99% QoQ and from 37% to 78% QoQ in debt net sale.
- SIP registrations and SIP Inflows reached a life-time high in 1QFY24, added ~2m net SIPs. The new SIP registrations grew 17% QoQ with 65.2% share in 1QFY24.

### **Non-MF Business**

- CAMS expects 20% contribution from the non-MF business over the next two to three years. At an aggregate level, EBIDTA margins stand up at mid to higher 20's (with AIFs in 40s). The margins are expected to scale up gradually.
- CAMS invests ~INR 180-200m annually in the non-MF business in the following order of preference - account aggregator business, NPS business, MFCentral, and then insurance.
- CAMS Alternatives revenue grew ~19% YoY in 1QFY24, despite a challenging macro environment. 1QFY24 saw 27 new wins in the vertical, of which, 11 were new-to-CAMS logos, and came on the back of accelerated signings and rapid adoption of CAMS WealthServ & Fintuple's offerings. 400+ funds services across 150+ fund houses with assets under service at INR 1.75t. CAMS has partnered with Temenos for Multifonds (leading fund administration platform used by 9 out of the top 15 global asset servicers) to bolster service offerings to domestic and GIFT city clients. ~60-70% of the AIF charges are linked to a number of investors.
- CAMSfinserv (account aggregator platform) The focus is on driving sales wins, with 25 deals signed up in 1QFY24. CAMSfinserv leads the industry in FIP integration with 82 FIP signups. CAMS is the first AA to go live with Mutual funds. CAMS catapulted to a leadership position in the industry on FIP integration.
- **CAMSPay** delivered a 25% YoY revenue growth in 1QFY24. Expanded digital footprint through its API, E-mandate, and UPI autopay offerings, which will significantly increase revenues from recurring mandates.
- CAMS KRA's revenues grew 40% YoY in 1QFY24, emerging as the preferred KYC partner for Fintechs and fast-growing capital market participants. It launched a '10-Minute KYC' an Industry First Al-embedded KYC solution to onboard customers instantly.
- CAMS Rep continued to strengthen its leadership position with improved insurer solutions with 100% YoY growth in EIA and policy additions. Any final regulation form IRDAI on dematerialization of policies is yet to come. Digital Loan Assignment (digitizing the entire loan policy assignment process) to be launched soon by CAMS. Loan against insurance does not have IRDAI permission. As of now, it is not a revenue source for CAMS.

Think360 wins digitalization mandate from India's fourth largest public sector bank, Canara Bank, for its Kwik.ID product. With this, 3 of the top 10 PSBs have awarded their digitization mandates to Kwik.ID. Think360's flagship alternative credit scoring product, Algo360, has won the mandate from SBI Cards (the country's second largest credit cards issuer) and Kreditbee (one of the Top 5 lending Fintechs). Think360.AI is the only Indian company recognized by Fintech Global in the 3rd Edition of the AIFintech100 list. CAMS has a call option in think360.AI that can be exercised over the next three to four years. Think360.AI is a completely bootstrapped and debt-free company. Currently, it generates INR 280-300m of revenue annually and it is expected to grow in high double digits.

- CAMS NPS continues to retain the second position in the eNPS segment. CAMS NPS makes inroads into the POP and corporate segment with 48% of its new subscriptions coming from the retail POP channel.
- MFCentral CAMS digital properties clocked 8% growth over the last quarter and have a share of 7% of overall investor-initiated transactions. myCAMS continues to hold fort among the top fintech Apps with 6m + registrations. MFCentral APIs to intermediaries continue to gain momentum with over 1.5m hits a month. It delivered 1.5x growth over the last quarter.

### **Financials**

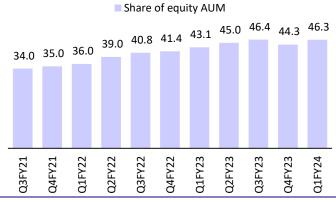
- The asset-based revenue grew 5.5% YoY and the non-asset based revenue grew 14.2% YoY. The non-MF revenue grew 43.5% YoY.
- Yields The decline in yields is on account of resetting of commission charges for some large customers. The maximum impact has been accounted for in 1QFY24 and some incremental impact could be seen in 2QFY24. Yields are expected to remain steady post 2QFY24. Outside of the telescopic structure (expect for few resetting AMCs), yields are holding up well.
- Operating EBIDTA is expected to be in the range on ~40-44%. CAMS has announced an interim dividend of INR 8 per share.

Exhibit 1: AUM was improves QoQ

02FY20 04FY20 04FY20

Source: Company, MOFSL

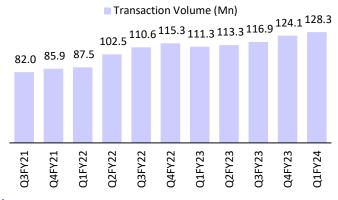
Exhibit 2: Share of equity AUM improves (%)



Source: Company, MOFSL

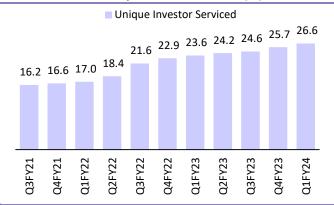
MOTILAL OSWAL **CAMS** 

**Exhibit 3: Strong traction in SIP transactions (m)** 



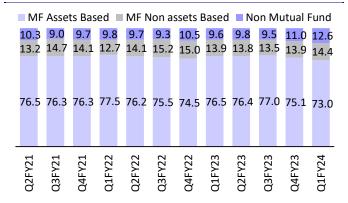
Source: Company, MOFSL

### Exhibit 4: Trend in unique investor serviced (m)



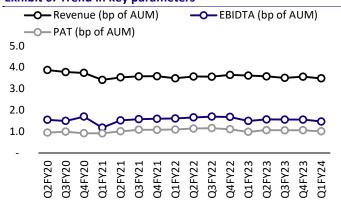
Source: Company, MOFSL

Exhibit 5: Share of MF non-asset businesses improved QoQ



Source: MOFSL, Company

**Exhibit 6: Trend in key parameters** 



Source: MOFSL, Company

**Exhibit 7: Broadly maintaining our estimates** 

INR b	Old	Old Est.		/ Est.	Change (%)	
	FY24E	FY25E	FY24E	FY25E	FY24E	FY25E
Revenue from Operations	10,808	12,424	10,697	12,295	-1.0	-1.0
Change YoY (%)	11	15	10	15	-1.1	0.0
Employee expenses	3,867	4,254	3,867	4,254	0.0	0.0
Operating expenses	2,140	2,379	2,159	2,401	0.9	0.9
Total Operating Expenses	6,007	6,633	6,027	6,655	0.3	0.3
EBITDA	4,801	5,791	4,670	5,641	-2.7	-2.6
Other Income	315	399	391	457	24.1	14.7
Depreciation/Finance Cost	805	847	770	810	-4.3	-4.3
РВТ	4,311	5,343	4,291	5,287	-0.5	-1.0
Change YoY (%)	13	24	13	23	-0.5	-0.7
Tax Provisions	1,078	1,336	1,073	1,322	-0.5	-1.0
Net Profit	3,233	4,007	3,218	3,966	-0.5	-1.0
AAUM (INR b)	31,320	35,956	32,015	36,750	2.2	2.2
Yields on revenue (bps)	3	3	3.3	3.3	-0.1	-0.1
RoE	38.5	41.5	38.4	41.1	-0.2	-0.4
Dividend payout ratio	65.0	65.0	65.0	65.0	0.0	0.0

Source: MOFSL, Company

5 7 August 2023

MOTILAL OSWAL CAMS

# **Financials and valuations**

Income Statement						INR m
Y/E March	2020	2021	2022	2023	2024E	2025E
Revenue	6,996	7,055	9,097	9,718	10,697	12,295
Change (%)	1	1	29	7	10	15
Employee expense	2,580	2,624	3,218	3,581	3,867	4,254
Other expenses	1,544	1,471	1,638	1,925	2,159	2,401
Operating Expenses	4,124	4,094	4,855	5,506	6,027	6,655
EBITDA	2,873	2,961	4,241	4,212	4,670	5,641
Change (%)	18	3	43	-1	10.9	20.8
Dep/Interest/Provisions	582	513	587	679	770	810
Other Income	217	298	173	268	391	457
PBT	2,508	2,745	3,827	3,802	4,291	5,287
Change (%)	25	9	39	-1	12.9	23.2
Tax	773	692	957	956	1,073	1,322
Tax Rate (%)	31	25	25	25	25.0	25.0
PAT	1,735	2,053	2,870	2,846	3,218	3,966
Change (%)	33	18	40	-1	13.1	23.2
Dividend	594	2,488	1,895	1,850	2,092	2,578
Balance Sheet						INR m
Y/E March	2020	2021	2022	2023	2024E	2025E
Equity Share Capital	488	488	489	490	490	490
Reserves & Surplus	5,001	4,671	5,987	7,335	8,454	9,842
Net Worth	5,489	5,159	6,476	7,825	8,944	10,332
Borrowings	0	0	0	0	0	0
Other Liabilities	2,542	3,260	3,094	3,151	3,466	3,838
Total Liabilities	8,030	8,419	9,571	10,976	12,410	14,170
Cash and Bank balance	504	1,803	1,510	164	182	308
Investments	3,056	2,355	3,170	3,298	4,598	6,098
Net Fixed Assets	3,090	2,840	3,141	3,413	3,119	2,784
Current Assets	1,380	1,421	1,750	4,100	4,510	4,979
Total Assets	8,030	8,419	9,571	10,975	12,410	14,170

E: MOSL Estimates

MOTILAL OSWAL CAMS

# **Financials and valuations**

Cashflow						INR m
Y/E March	2020	2021	2022	2023	2024E	2025E
Profit after Tax	1,734	2,053	2,870	2,846	3,218	3,966
Adjustments	-126	199	729	754	380	353
Change in Working Capital	(237)	697	(129)	(17)	269	304
Cashflow from Operating activities	1,371	2,950	3,470	3,583	3,867	4,622
Other Income	217	298	173	268	391	457
Change in Current Investments	-751	701	-815	-128	-1,300	-1,500
Change in Fixed Asset	174	-63	-791	-875	-400	-400
Others	-128	-20	-365	-2,269	-372	-401
Cashflow from Investing activities	-489	915	-1,798	-3,004	-1,681	-1,843
Interest Expense	-97	-79	-71	-76	-76	-76
Dividend Expense	-716	-2,488	-1,895	-1,850	-2,092	-2,578
<b>Cashflow from Financing activities</b>	-813	-2,567	-1,966	-1,926	-2,168	-2,654
Net Cashflow	69	1,298	(293)	(1,347)	18	126
Opening Cashflow	435	504	1,803	1,510	164	182
Closing Cashflow	504	1,803	1,510	164	182	308
		•	•			
Y/E March	2020	2021	2022	2023	2024E	2025E
AAAUM (INR B)	18,149	19,984	25,500	27,300	32,015	36,750
Change (%)	14.6	10.1	27.6	7.1	17.3	14.8
Equity	6,706	6,806	10,100	12,400	14,880	17,558
Non-Equity	11,443	13,178	15,400	14,900	17,135	19,191
E: MOSL Estimates						
Y/E March	2020	2021	2022	2023	2024E	2025E
Margins Analysis (%)						
Revenue Yield (bps)	3.85	3.53	3.57	3.56	3.34	3.35
Cost to Income Ratio	58.9	58.0	53.4	56.7	56.3	54.1
EBITDA Margins	41.1	42.0	46.6	43.3	43.7	45.9
PBT Margin	35.8	38.9	42.1	39.1	40.1	43.0
PAT Margin	24.8	29.1	31.6	29.3	30.1	32.3
Profitability Ratios (%)						
RoE	34.8	38.6	49.3	39.8	38.4	41.1
Dividend Payout Ratio	34.2	121.2	66.0	65.0	65.0	65.0
Durant Archeir (Durant Annie)						
Du pont Analysis (Bps of AAAUM)	2020	2024	2022	2022	20245	20255
Y/E March	2020	2021	2022	2023	2024E	2025E
Operating Income	3.9	3.5	3.6	3.6	3.3	3.3
Operating Expenses	2.3	2.0	1.9	2.0	1.9	1.8
EBITDA	1.6	1.5	1.7	1.5	1.5	1.5
Depreciation and Others	0.3	0.3	0.2	0.2	0.2	0.2
Other Income	0.1	0.1	0.1	0.1	0.1	0.1
РВТ	1.4	1.4	1.5	1.4	1.3	1.4
Tax	0.4	0.3	0.4	0.4	0.3	0.4
ROAAAUM	1.0	1.0	1.1	1.0	1.0	1.1
Valuations	2020	2024	2022	2022	20245	20255
Valuations	2020	2021	2022	2023	2024E	2025E
BVPS (INR)	112	105	132	160	183	211
Change (%)	22.1	-6.0	25.5	20.8	14.3	15.5
Price-BV (x)	21.2	22.6	18.0	14.9	13.0	11.3
EPS (INR)	35.4	41.9	58.6	58.1	65.7	80.9
Change (%)	32.5	18.4	39.8	-0.8	13.1	23.2
Price-Earnings (x)	67.1	56.7	40.6	40.9	36.2	29.4
DPS (INR)	12.1	50.8	38.7	37.8	42.7	52.6
Dividend Yield (%)	0.5	2.1	1.6	1.6	1.8	2.2

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

MOTILAL OSWAL CAMS

# NOTES

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.

### Disclosures

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 (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at <a href="http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf">http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf</a>

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 transactions. Details of pending Enquiry Proc llaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx Enquiry Proceedings Motilal Oswal Financial Services Limited available of are

A graph of daily closing prices of securities is available at <a href="www.nseindia.com">www.nseindia.com</a>, <a href="www.nseindia.com">www.bseindia.com</a>. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity 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.

### For Hong Kong:

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 1934 act 1934) 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 6
- 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
- received compensation/other benefits from the subject company in the past 12 months
- 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.

9 7 August 2023

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. 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 Regressar 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. Alay 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.