



Estimate change
TP change
Rating change

Bloomberg	BSE IN
Equity Shares (m)	135
M.Cap.(INRb)/(USDb)	324.7 / 3.9
52-Week Range (INR)	3265 / 836
1, 6, 12 Rel. Per (%)	0/-15/152
12M Avg Val (INR M)	2926

Financials & Valuations (INR b)

Y/E Mar	FY24	FY25E	FY26E
Net Sales	13.9	27.3	31.8
EBITDA	4.0	13.0	15.0
PAT	7.7	11.6	13.2
Adj. PAT	3.7	11.6	13.2
EPS (INR)	27.0	85.6	97.3
EPS Gr (%)	77.6	217.4	13.7
BV / Sh (INR)	244	270	299
Ratios (%)			
RoE	23.4	31.7	32.6
Payout ratio	26.3	70.0	70.0
Valuations			
P/E (x)	89.0	28.0	24.7
P / BV (x)	9.8	8.9	8.0

Shareholding pattern (%)

As On	Jun-24	Mar-24	Jun-23
Promoter	0.0	0.0	0.0
DII	11.6	12.7	0.5
FII	33.9	35.4	34.6
Others	54.5	51.9	64.8

FII Includes depository receipts

CMP: INR2,399 TP: INR2,700 (+13%) Neutral

Strong operating performance led to PAT growth

- BSE reported a strong performance in 1QFY25 with a PAT of INR2.64b, an increase of 160% YoY and 148% QoQ (6.5% beat).
- Transaction charges grew 45% QoQ and 455% YoY at INR 3.66bdtiven by the derivatives segment, where charges jumped 113% QoQ to INR2.4b (6% higher than our estimates).
- Star MF continued to report a healthy performance, with 72% YoY jump in volumes and revenue surging 2x YoY to INR479m.
- BSE continues to gain market share in the derivatives segment as acceptance of products gets widespread. The momentum for stock futures and options launched in Jul'24, is still at a nascent stage. Considering the uncertainty on the eventual F&O regulations that are likely to be announced, we have maintained our Neutral rating on the stock with a 1-year TP of INR2,700.

Strong growth in transaction income

- Transaction charges surged 45% QoQ and 455% YoY to INR3.7b, while services to corporates increased 34% YoY to INR952m.
- Transaction charges for the cash segment were INR755m, +93% YoY, but a 12% miss, while those of the equity derivatives segment were INR2.4b, a 6% beat.
- Star MF recorded a jump of 72% YoY in total number of transactions to 141m in Q1FY25 from 83m in 1QFY24. The revenue from this segment grew 101% YoY to INR 479m in 1QFY25 from INR238m in 1QFY24.
- Opex came in line at INR3.2b, but surged 123% YoY. This was on account of provision for SEBI regulatory fees of INR 1.7b (in 1QFY24 the provision was on premium turnover, which was changed to notional turnover).

 Nevertheless, EBIDTA margins grew to 46.7% vs. our expectations of 46% and 19.7% in 4QFY24. During the quarter, no contributions were made towards SGF.
- Investment income stood at INR666m, which increased 20% YoY (11% above our estimates).
- BSE has opted to shift to a new regime of taxation. Thus the tax rate was higher in the previous year (adjustments of non-availability of accumulated MAT credit and deferred tax impact due to the change in tax rates).
- In 1QFY25, it acquired 50% stake from the JV partner (Asia Index Private Limited). Consequently, AIPL has become a wholly owned subsidiary w.e.f. 1st Jun'24. The BOD accorded an in-principle approval for divestment in its wholly owned subsidiary, BSE Institute Limited.

Key takeaways from the management commentary

- BSE is working on uniform charges across client segments, and the same shall be declared separately. The charges will be closer to the unit realization earned and would not hit the company's revenue.
- BSE is facing challenges related to differential regulatory fees and clearing & settlement charges. It has requested the regulators to reconsider the differential regulatory fees and the reply is still awaited. Any relief would positively impact BSE.

Research Analyst: Prayesh Jain (Prayesh.Jain@MotilalOswal.com) | Nitin Aggarwal (Nitin.Aggarwal@MotilalOswal.com)

Research Analyst: Nemin Doshi (Nemin.Doshi@MotilalOswal.com) | Muskan Chopra (Muskan.Chopra@MotilalOswal.com)

Investors are advised to refer through important disclosures made at the last page of the Research Report.

Valuation and view: Reiterate Neutral

The relaunch of BSE derivatives products has proved to be a trend-changing measure. Increased member participation, new product launches (stock derivatives), rising awareness about products, and a recent launch of stock derivatives would continue to drive market share gains for BSE.

- Other levers that will support growth over the medium term include: 1) colocation revenues, 2) continued momentum in the STAR MF business, 4) growth in the cash segment, 5) possibility of levying a fee for listing of debt securities, 6) start of operations at its Power Exchange, and 7) commencement of revenue from its Gold Spot exchange.
- BSE continues to gain market share in the derivatives segment as acceptance of products gets widespread. The momentum for stock futures and options launched in Jul'24 is still at a nascent stage. Considering the uncertainty on the eventual F&O regulations that are likely to be announced, we have maintained our **Neutral rating** on the stock with a one-year TP of INR2,700.

Cons. Quarterly perf.											(INR m)
Y/E March		FY2	24			FY25			FY25	Est.	Var.
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE		1Q	(%/bp)
Revenue from operations	2,156	3,144	3,717	4,885	6,078	6,850	7,083	7,309	27,319	5,905	2.9
YoY Change (%)	15.4	59.0	82.2	115.2	181.9	117.8	90.6	49.6	96.5	174	764bp
Total Expenditure	1,455	1,729	2,796	3,923	3,239	3,540	3,684	3,822	14,285	3,190	1.5
EBITDA	701	1,415	921	962	2,839	3,310	3,399	3,486	13,034	2,715	4.6
Margins (%)	32.5	45.0	24.8	19.7	46.7	48.3	48.0	47.7	47.7	46	73bp
Depreciation	214	227	249	265	240	275	285	323	1,122	270	-11.3
Interest	65	85	0	0	0	38	38	37	113	38	-100.0
Investment income	556	525	598	600	666	610	620	566	2,462	600	11.1
PBT before EO expense	977	1,628	1,271	1,297	3,266	3,607	3,696	3,692	14,262	3,007	8.6
Exceptional items	3,657	-13	-16	-17	0	-16	-16	-16	-48	-16	
PBT	4,634	1,615	1,255	1,280	3,266	3,591	3,680	3,676	14,214	2,991	9.2
Tax	371	636	371	470	851	898	920	919	3,588	748	13.8
Rate (%)	8	39	30	37	26	25	25	25	25	25	
P/L of Asso. Cos.	119	190	165	244	227	235	245	262	970	225	1.0
Reported PAT	4,382	1,170	1,049	1,054	2,643	2,928	3,005	3,020	11,596	2,468	7.1
Adj PAT	1,018	1,177	1,060	1,064	2,643	2,940	3,017	3,032	11,632	2,480	6.5
YoY Change (%)	995	298	379	19	-40	150	186	187	51	-42	
Margins (%)	47.2	37.4	28.5	21.8	43.5	42.9	42.6	41.5	42.4	42	148bp

E: MOFSL Estimates

Key performance indicators

Y/E March		FY24				
	1Q	2Q	3Q	4Q	1Q	
Transaction charges	660	982	1660	2520	3663	
Services to corporates	708	870	896	1027	952	
Listing Fees	460	473	481	514	527	
Listing processing and other listing fees	133	198	203	331	177	
Book building fees	93	147	142	94	184	
Other services to corporates	21	52	70	83	57	
Transaction charges income - Equity	392	605	693	905	755	
Transaction charges income - currency derivatives	28	35	35	36	4	
Listing fees	593	671	684	845	704	
Book building and other services	114	199	212	177	241	
Star MF platform	238	294	328	421	479	



Key takeaways from the management commentary

Financials

BSE recoded the highest-ever quarterly revenue in 1QFY25. This was a result of increased growth in transaction charges, treasury income, and investment-related income.

- Revision in transaction charges for derivatives positively impacted the 1Q results. Overall operating margins expanded to 47% in 1QFY25.
- Other securities charges increased to INR610m in 1QFY25 vs. INR350m in 1QFY24. This mainly included data dissemination fees, co-location charges, and book-building fees.
- BSE's ADTO in the cash segment increased to INR90b in 1QFY25 from INR40.3b in 1QFY24.

Business

- BSE's total market capitalization crossed INR450t, with Sensex surpassing the 80,000 mark.
- The total unique client code (UCC) increased to 184m from 121m in Jan'23.
- BSE forays into single stock derivatives (w.e.f. 1st Jul'24), with mid-month expiry on second Thursday of the month. So far 35 members have participated in single stock options and futures.
- BSE is working on uniform charges across client segment and the same shall be declared separately. The charges will be closer to the unit realizations earned closer to the announcement and would not hit the company's revenues.
- Not entire of the treasury income earned from clearing and settlement funds will qualify for returning to investors. Only excess funds that are not being utilized for any positions currently will qualify.
- With regards to the SEBI action on restricting F&O volumes for the retail segment and the measures being discussed in the consultation paper, BSE will be working closely to assess the impact of the same on the total volumes.
- During the quarter, BSE has acquired control of Asia Index Private Limited (AIPL) by acquiring the 50% stake from its JV partner. Consequently, AIPL has become a wholly owned subsidiary w.e.f. 1st Jun'24.
- The reversal of SGF is governed by regulatory clarifications. Lower currency derivatives volume led to zero contribution to SGF in 1QFY25. There are no regulatory targets for SGF contribution from the F&O volumes.
- BSE is facing challenges related to differential regulatory fees and clearing & settlement charges. It has requested regulators to reconsider the differential regulatory fees and the reply is still awaited. Any relief would positively impact BSE.
- Regulatory fee was INR120 per million of premium turnover, and clearing & settlement charges were INR120-130 per million of premium turnover.

MOTILAL OSWAL

Star MF

Star MF recorded a jump in total number of transactions to 141m (up 72% YoY) in 1QFY25. The revenue from this segment grew 101% YoY to INR 479b in 1QFY25.

■ BSE will launch Star MF 2.0 (more from functionality perspective) 2QFY25. Star MF continues to maintain ~85-90% market share in this segment.

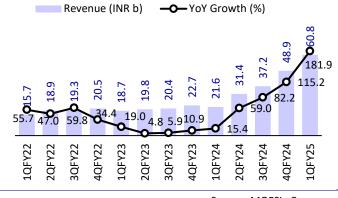
Exhibit 1: Revisions to our estimates

INR b	Old Est.		New	/ Est.	Change (%)	
	FY25E	FY26E	FY25E	FY26E	FY25E	FY26E
Revenue from Operations	26.8	33.1	27.3	31.8	1.8	-4.0
Other income	2.5	2.4	2.5	2.4	0.0	0.0
Total Income	29.3	35.6	29.8	34.3	1.6	-3.7
Operating Expenses	13.7	15.4	14.3	16.9	4.4	9.1
EBITDA	15.6	20.1	15.4	17.4	-0.8	-13.6
Core EBITDA	13.1	17.7	13.0	15.0	-1.0	-15.5
Depreciation/Int	1.3	1.5	1.3	1.5	0.0	0.0
PBT	14.3	18.7	14.2	15.9	-0.9	-14.7
Core PBT	11.8	16.2	11.7	13.5	-1.1	-16.9
Tax	3.6	4.7	3.5	4.0	-0.9	-14.7
PAT	10.7	14.0	10.6	12.0	-0.9	-14.7
PAT after Associate profits	11.7	15.2	11.6	13.2	-0.8	-13.5

MOTILAL OSWAL **BSE**

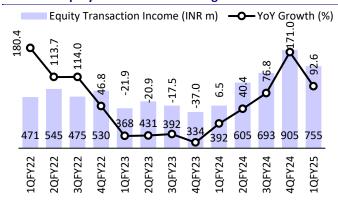
Key exhibits

Exhibit 1: Revenue jumped 182% YoY



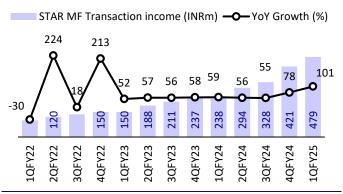
Source: MOFSL, Company

Exhibit 2: Equity transaction revenue grew 93% YoY



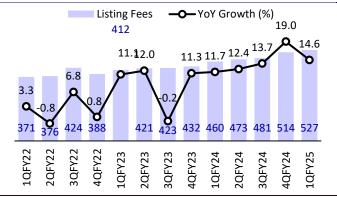
Source: MOFSL, Company

Exhibit 3: Revenue from STAR MF improved YoY



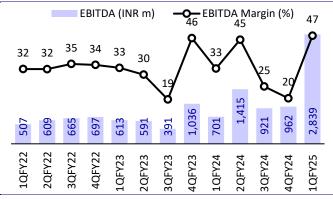
Source: MOFSL, Company

Exhibit 4: Listing fees increased YoY



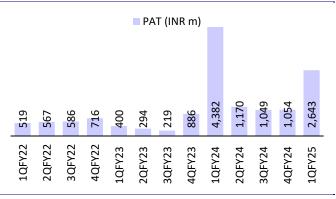
Source: MOFSL, Company

Exhibit 5: Trends in EBITDA and margin



Source: MOFSL, Company

Exhibit 6: Trend in quarterly PAT



Source: MOFSL, Company

5 7 August 2024

Financials and valuations

Income Statement					_		(INR m
Y/E March	2020	2021	2022	2023	2024	2025E	2026 E
Revenue	4,505	5,014	7,432	8,154	13,900	27,316	31,812
Change (%)	0.0	11.3	48.2	9.7	70.5	96.5	16.5
Employee expenses	1,512	1,487	1,773	1,802	2,047	2,375	2,612
Technology expenses	1,176	948	969	1,239	1,374	1,580	1,738
Admin & Others	2,132	1,854	2,209	2,777	6,418	10,330	12,439
Liquidity enhancement expenses	178	337	350	363	64	64	64
EBITDA	-493	388	2,131	1,973	3,997	12,967	14,958
EBITDA %	-10.9	7.7	28.7	24.2	28.8	47.5	47.0
Depreciation / Amortization	510	579	483	603	954	1,122	1,302
EBIT	-1,003	-190	1,649	1,370	3,043	11,845	13,656
EBIT %	-22.3	-3.8	22.2	16.8	21.9	43.4	42.9
Finance costs	24	103	222	275	151	151	151
Other Income	1,795	1,533	1,204	1,384	2,279	2,462	2,440
PBT	768	1,240	2,631	2,479	5,171	14,156	15,946
Tax	149	109	823	916	2,239	3,539	3,986
ETR %	19.4	8.8	31.3	37.0	43.3	25.0	25.0
PAT before associate profits	619	1,131	1,808	1,563	2,932	10,617	11,959
Share of Associates profit	267	432	642	492	718	970	1,212
PAT after Associate profits	886	1,562	2,449	2,055	3,650	11,587	13,171
Change (%)	-54.5	76.4	56.8	-16.1	77.6	217.4	13.7
PAT margin %	19.7	31.2	33.0	25.2	26.3	42.4	41.4
Exceptional items	320	-145	0	0	4,066	0	0
PAT after exceptional items	1,206	1,417	2,449	2,055	7,717	11,587	13,171
Balance Sheet							(INR m)
Y/E March	2020	2021	2022	2023	2024	2025E	2025E
Total fixed assets	2,085	1,843	1,681	2,535	2,991	3,491	3,991
Non-current investments	9,252	8,005	6,298	8,961	11,529	12,106	12,711
Other non-current assets	4,207	4,914	4,339	9,871	20,283	20,689	21,102
Total non-current assets	15,543	14,762	12,318	21,367	34,803	36,285	37,804
Cash & Current investments	16,092	19,269	35,117	30,496	44,629	46,727	53,022
Trade receivables	700	876	634	909	2,109	4,371	5,090
Other current assets	12,425	11,364	13,785	7,166	12,962	13,592	14,254
Total current assets	29,216	31,509	49,535	38,571	59,699	64,690	72,366
TOTAL ASSETS	44,759	46,271	61,854	59,938	94,502	1,00,975	1,10,171
Share Capital	270	270	271	271	271	270	270
R&S	23,981	24,796	26,275	26,741	32,752	36,228	40,180
Shareholders' equity	24,251	25,066	26,545	27,012	33,023	36,498	40,450
Core SGF	4,354	5,391	6,409	7,576	9,550	9,550	9,550
Minority Interest	186	235	1,352	1,278	1,524	1,524	1,524
Other LT liabilities	111	124	109	145	136	136	136
Total non-current liabilities	113	124	109	145	136	136	136
Outstanding dues to creditors	758	982	729	804	3,603	2,164	2,540
Other current liabilities	15,098	14,473	26,711	23,123	46,667	51,103	55,971
Total current liabilities	15,856	15,455	27,439	23,927	50,270	53,267	58,511
TOTAL LIABILITIES	44,759	10, 100	,		,	55,257	1,10,171

Financials and valuations

Ratios							
Y/E March	2020	2021	2022	2023	2024	2025E	2026E
Basic (INR)							
EPS	8.9	10.5	18.1	15.2	57.0	85.6	97.3
EPS (excluding EOI)	6.5	11.5	18.1	15.2	27.0	85.6	97.3
Cash EPS	9.9	11.5	19.0	16.3	58.8	87.7	99.7
Book Value	179.2	185.2	196.1	199.6	244.0	269.7	298.9
DPS	5.8	7.1	13.5	12.0	15.0	59.9	68.1
Payout %	64.6	67.9	74.6	78.8	26.3	70.0	70.0
Valuation (x)							
P/E	366.8	207.9	132.6	158.1	89.0	28.0	24.7
Cash P/E	243.6	208.0	126.4	147.3	40.8	27.4	24.1
Price/Book Value	13.4	13.0	12.2	12.0	9.8	8.9	8.0
Dividend Yield (%)	0.2	0.3	0.6	0.5	0.6	2.5	2.8
Profitability Ratios (%)							
RoE	5.0	5.7	9.2	7.6	23.4	31.7	32.6
RoCE	3.3	5.4	10.7	10.2	16.1	39.2	39.8

E: MOFSL Estimates

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

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 (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 Motifal Oswal Financial Services Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf
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 Proc https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx Enquiry Proceedings of Motilal Oswal Financial Services Limited available are

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com. 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. INH00000412) 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") (UEN 201129401Z), which is a holder of a capital markets services license and an exempt financial adviser in Singapore. This report is distributed solely to persons who (a) qualify as "institutional investors" as defined in section 4A(1)(c) of the Securities and Futures Act of Singapore ("SFA") or (b) are considered "accredited investors" as defined in section 2(1) of the Financial Advisers Regulations of Singapore read with section 4A(1)(a) of the SFA. Accordingly, if a recipient is neither an "institutional investor" nor an "accredited investor", they must immediately discontinue any use of this Report and inform MOCMSPL

In respect of any matter arising from or in connection with the research you could contact the following representatives of MOCMSPL. In case of grievances for any of the services rendered by MOCMSPL write to grievances@motilaloswal.com.

Nainesh Rajani

Email: nainesh.raiani@motilaloswal.com

Contact: (+65) 8328 0276

- 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
- 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
 - 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)

9 7 August 2024

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.