Atul







Bloomberg	ATLP IN
Equity Shares (m)	30
M.Cap.(INRb)/(USDb)	197.1 / 2.4
52-Week Range (INR)	8948 / 6467
1, 6, 12 Rel. Per (%)	-5/-15/-34
12M Avg Val (INR M)	328
Free float (%)	54.9

Financials and Valuations (INR b)

Tillaticials and Valuations (IIVIV b)							
Y/E March	FY23	FY24E	FY25E				
Sales	54.3	49.2	53.2				
EBITDA	7.7	6.8	8.4				
PAT	5.1	4.2	5.3				
EPS (INR)	169	136	175				
EPS Gr. (%)	-15.0	-19.6	28.4				
BV/Sh.(INR)	1,582	1,702	1,856				
Ratios							
Net D:E	-0.0	0.0	0.0				
RoE (%)	11.0	8.3	9.8				
RoCE (%)	10.5	8.1	9.5				
Payout (%)	14.6	15.0	15.0				
Valuations							
P/E (x)	39.5	49.1	38.2				
P/BV (x)	4.2	3.9	3.6				
EV/EBITDA (x)	25.4	28.8	23.7				
Div. Yield (%)	0.4	0.3	0.4				
FCF Yield (%)	-0.8	0.2	-0.1				

Shareholding pattern (%)

As On	Sep-23	Jun-23	Sep-22
Promoter	45.1	45.1	45.1
DII	26.5	26.2	23.4
FII	7.7	7.6	9.2
Others	20.7	21.2	22.3

FII Includes depository receipts

CMP: INR6,670

TP: INR6,110 (-8%) Neutral

Weak performance continues across both segments

- Atul (ATLP) reported higher-than-estimated revenue in 2QFY24. Revenue in the Life Science Chemicals segment and Performance & Other Chemicals segment declined 37% YoY and 12% YoY, respectively. Gross margin came in at 44.1% (-300bp YoY), while EBITDAM declined 180bp YoY to 13% during the quarter.
- The Life Science Chemicals' contribution to EBIT dipped notably to 35% (from 67% in 2QFY23), whereas the contribution of Performance & Other Chemicals to overall EBIT jumped to 61% in 2QFY24 (from 34% in 2QFY23).
- Owing to the weak performance in 1HFY24 and the ongoing macroheadwinds, we cut our revenue/EBITDA/PAT by 5%/8%/11% for FY24E and by 6%/3%/5% for FY25E.
- ATLP is implementing projects at a total investment of ~INR14b in Atul (parent company) and its various group entities. Management expects a sales potential of INR90b from this capex.
- The stock is trading at 38.2x FY25E EPS of INR174.6 and 23.7x FY25E EV/EBITDA. We value the stock at 35x FY25E EPS to arrive at our TP of INR6,110. On a one-year forward basis, ATLP trades at 41x. We maintain our Neutral rating on the stock.

Miss on estimates due to higher-than-expected other expenses

- ATLP's revenue was at INR11.9b (-20% YoY).
- Life Science Chemicals' revenue was at INR3.6b (-37% YoY).
- Performance Chemicals' revenue was at INR8.7b (-12% YoY) in 2QFY24.
- Gross margin came in at 44.1% (-300bp YoY) and EBITDA margin stood at 13% (-180bp YoY) during the quarter.
- EBIT margin contracted for Life Science Chemicals significantly on YoY basis.
- Life Science Chemicals' margin was at 11.5% (-13.2pp YoY); EBIT at INR417m.
- Performance Chemicals' margin was at 8.3% (+100bp YoY); EBIT at INR722m.
- EBITDA came in at INR1.6b (est. of INR1.6b, -30% YoY)
- PAT stood at INR912m (est. of INR1b, -38% YoY), resulting in an EPS of **INR30.9**
- Contribution from the subsidiaries/JVs turned negative (loss at INR121m in 2QFY24, v/s loss of INR202m in 2QFY24 and PAT of INR55m in 1QFY24).
- In 1HFY24, revenue stood at INR23.8b (down 20% YoY), EBITDA was at INR3.4b (down 26% YoY), and PAT was at INR1.9b (down 38% YoY).
- EBITDAM contracted to 14.2% in 1HFY24 vs. 15.3% in 1HFY23.

Aman Chowdhary - Research Analyst (Aman.Chowdhary@MotilalOswal.com)

Valuation and view - reiterate Neutral

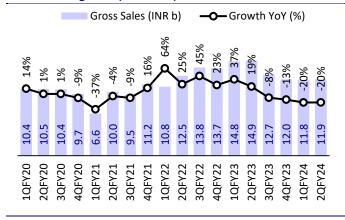
■ ATLP is implementing projects at a total investment of ~INR14b in Atul (parent company) and its various group entities. Management expects a sales potential of INR90b from this capex.

■ The stock is trading at 38.2x FY25E EPS of INR174.6 and 23.7x FY25E EV/EBITDA. We value the stock at 35x FY25E EPS to arrive at our TP of INR6,110. On a one-year forward basis, ATLP trades at 41x. We maintain our Neutral rating on the stock.

Consolidated - Quarterly Snapshot (INR m									(INR m)			
Y/E March		FY23				FY24			FY23	FY24E	FY24	Var.
	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4QE			2QE	(%)
Gross Sales	14,769	14,873	12,683	11,952	11,820	11,937	12,482	12,953	54,275	49,192	10,283	16
YoY Change (%)	36.7	19.0	-8.1	-12.8	-20.0	-19.7	-1.6	8.4	6.8	-9.4	-30.9	
Gross Margin (%)	48.5%	47.1%	47.2%	45.8%	46.5%	44.1%	44.5%	45.0%	47.2%	45.0%	47.7%	-3.6
EBITDA	2,330	2,203	1,723	1,494	1,823	1,552	1,719	1,753	7,749	6,846	1,647	-6
Margin (%)	15.8	14.8	13.6	12.5	15.4	13.0	13.8	13.5	14.3	13.9	16.0	-3.0
Depreciation	473	491	504	511	519	540	542	547	1,978	2,148	532	
Interest	16	19	22	22	20	19	21	20	79	80	19	
Other Income	359	319	229	242	82	221	247	310	1,149	861	243	
PBT before EO expense	2,200	2,011	1,425	1,203	1,365	1,215	1,403	1,496	6,840	5,479	1,340	-9
PBT	2,200	2,011	1,425	1,203	1,365	1,215	1,403	1,496	6,840	5,479	1,340	-9
Tax	577	544	394	297	364	325	353	404	1,812	1,379	338	
Rate (%)	26.2	27.0	27.6	24.7	26.7	26.7	25.2	27.0	26.5	25.2	25.2	
MI and Profit/Loss of Asso. Cos.	11	13	-3	16	20	22	22	23	38	86	10	
Reported PAT	1,635	1,481	1,029	922	1,021	912	1,071	1,115	5,066	4,186	1,012	-10
YoY change (%)	1.4	3.7	-32.1	-30.6	-37.6	-38.4	4.1	20.9	-15.2	-19.6	-31.7	
Margin (%)	11.1	10.0	8.1	7.7	8.6	7.6	8.6	8.6	9.2	8.2	9.8	-2.2
Segmental Revenue (INR m)												
Life Science Chemicals	4,847	5,742	4,917	4,086	3,502	3,620	4,080	4,341	19,592	15,543	3,684	-2
Performance & Other chemicals	10,570	9,913	8,280	8,299	8,745	8,684	8,911	9,303	37,062	35,643	7,107	22
Others	113	94	159	130	117	165	171	142	496	596	104	59

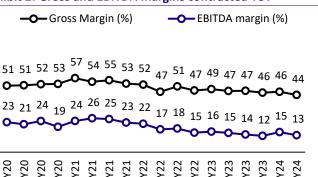
2QFY24 in charts

Exhibit 1: Sales declined 20% YoY, due to Life Science Chemicals segment (-37% YoY)



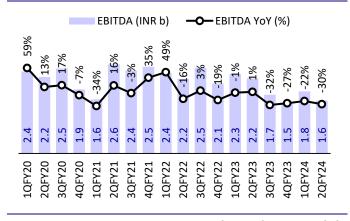
Source: Company, MOFSL

Exhibit 2: Gross and EBITDA margins contracted YoY



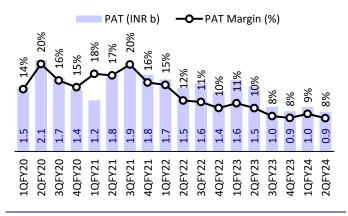
Source: Company, MOFSL

Exhibit 3: EBITDA dipped 30% YoY...



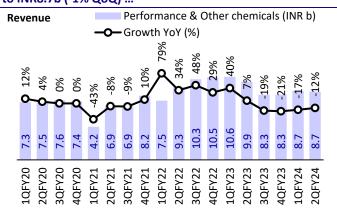
Source: Company, MOFSL

Exhibit 4: ...while PAT was down 38% YoY translating into an EPS of INR30.9 in 2QFY24



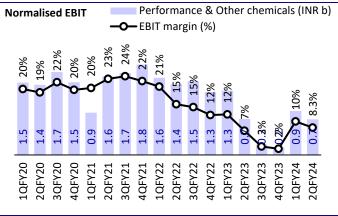
Source: Company, MOFSL

Exhibit 5: Performance segment's revenue declined 12% YoY to INR8.7b (-1% QoQ) ...



Source: Company, MOFSL

Exhibit 6: ...while EBIT margin expanded YoY to 8.3%



Source: Company, MOFSL

Exhibit 7: Revenue from Life Science segment declined 28% QoQ (-14% YoY)...

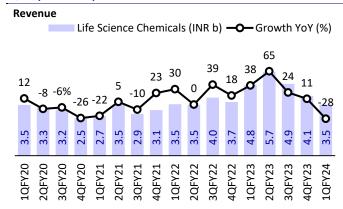
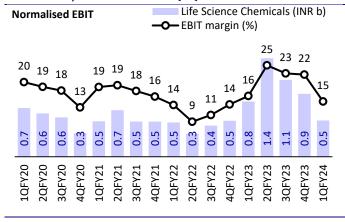


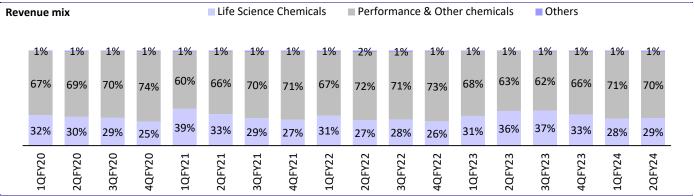
Exhibit 8: ...while EBIT margin was at 14.9% and EBIT stood at INR522m, a decline of 42% QoQ



Source: Company, MOFSL

contribution to avarall mix stood at 70% and the same for Life Sciences stood

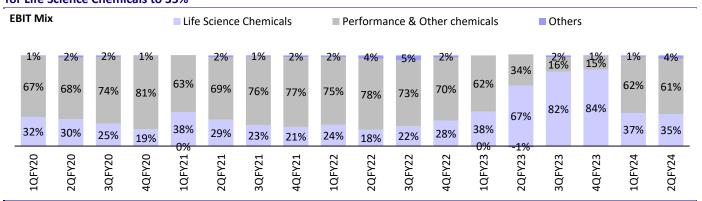
Exhibit 9: Performance and Other Chemicals' contribution to overall mix stood at 70% and the same for Life Sciences stood at 29% in 2QFY24



Source: Company, MOFSL

Source: Company, MOFSL

Exhibit 10: EBIT mix for the Performance & Other Chemicals segment jumped to 61% YoY in 2QFY24; the same deteriorated for Life Science Chemicals to 35%



Source: Company, MOFSL

MOTILAL OSWAL Atul

Financial story in charts

Exhibit 11: Expect 2% revenue CAGR over FY23-25...

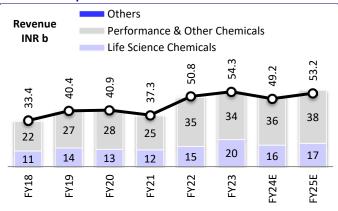


Exhibit 12: ...with exports increasing to ~52%



Exhibit 13: Expect EBITDAM to recover to 16% in FY25...

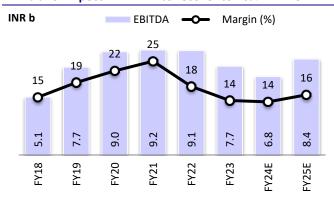


Exhibit 14: ... with PAT margin improving to 10%

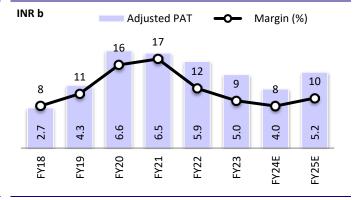


Exhibit 15: One-year forward P/E trades at 41x...

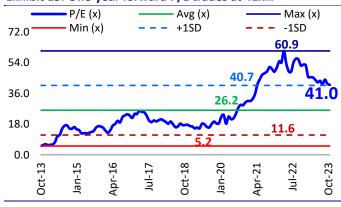


Exhibit 16: ...with return ratios at 8-10%

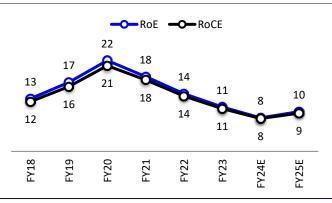


Exhibit 17: Capex for the next two years is pegged at ~INR14b

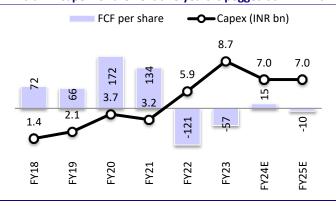
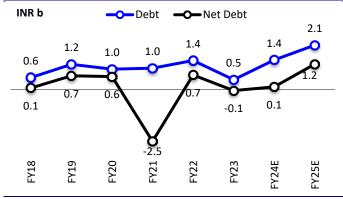


Exhibit 18: Debt profile of ATLP



Source: Company, MOFSL

Source: Company, MOFSL

22 October 2023

Financials and valuations

Loans and Advances

Account Payables

Net Current Assets

Appl. of Funds

Provisions

Curr. Liability and Prov.

Other Current Liabilities

Consolidated - Income Statement								(INR m
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25I
Total Income from Operations	33,379	40,378	40,931	37,315	50,809	54,275	49,192	53,17
Change (%)	11.4	21.0	1.4	-8.8	36.2	6.8	-9.4	8.2
Gross Margin (%)	46.0	47.8	51.9	54.6	49.1	47.2	45.0	48.3
EBITDA	5,052	7,668	9,020	9,171	9,114	7,749	6,846	8,377
Margin (%)	15.1	19.0	22.0	24.6	17.9	14.3	13.9	15.8
Depreciation	1,104	1,189	1,302	1,363	1,767	1,978	2,148	2,262
EBIT	3,948	6,479	7,718	7,808	7,348	5,770	4,698	6,115
Int. and Finance Charges	127	74	94	94	92	79	80	84
Other Income	259	349	780	1,030	760	1,149	861	973
PBT bef. EO Exp.	4,080	6,753	8,404	8,744	8,016	6,840	5,479	7,004
PBT after EO Exp.	4,080	6,753	8,404	8,744	8,016	6,840	5,479	7,004
Total Tax	1,310	2,443	1,745	2,217	2,050	1,812	1,379	1,763
Tax Rate (%)	32.1	36.2	20.8	25.3	25.6	26.5	25.2	25.2
Minority Interest	42	50	50	73	82	38	86	86
Reported PAT	2,812	4,360	6,709	6,600	6,047	5,066	4,186	5,327
Adjusted PAT	2,728	4,260	6,610	6,455	5,884	4,990	4,013	5,155
Change (%)	-13.1	56.2	55.2	-2.3	-8.8	-15.2	-19.6	28.4
Margin (%)	8.2	10.5	16.1	17.3	11.6	9.2	8.2	9.7
Consolidated - Balance Sheet	T)/40	T)/40	TV 20	TV04	T) (20	EV/22	5V0.45	(INR m
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Equity Share Capital	297	297	297	296	296	295	295	295
Total Reserves	22,343	26,998	31,252	37,969	43,994	46,419	49,976	54,504
Net Worth	22,639	27,295	31,549	38,265	44,290	46,714	50,272	54,800
Total Loans	570	1,200	970	1,017	1,384	470	1,409	2,114
Deferred Tax Liabilities	1,296	1,395	1,148	1,351	1,436	1,338	1,338	1,338
Capital Employed	24,505	29,890	33,666	40,940	47,418	49,002	53,500	58,732
Gross Block	12,681	14,135	17,868	19,874	23,835	27,191	34,191	41,191
Less: Accum. Deprn.	2,678	3,643	4,946	6,309	8,076	10,054	12,202	14,464
Net Fixed Assets	10,003	10,491	12,922	13,566	15,760	17,138	21,989	26,727
Goodwill on Consolidation	238	323	291	291	291	291	291	291
Capital WIP	962	1,723	3,681	2,497	4,205	10,329	10,329	10,329
Total Investments	4,698	7,520	11,373	13,643	13,419	8,842	8,842	8,842
Curr. Assets, Loans, and Adv.	14,234	15,382	13,236	19,375	23,389	21,081	19,914	21,046
Inventory	4,226	5,209	5,165	5,941	8,641	7,894	7,154	7,734
Account Receivables	7,234	6,985	7,197	7,332	9,890	8,446	7,655	8,275
Cash and Bank Balance	494	545	354	3,482	689	520	1,279	902
Cash and Dank Dalance								
Cash	427	376	262	469	577	381	1,139	76
			262 92	469 3,013	577 112	381 140	1,139 140	76 14

2,280

5,630

4,590

753

287

8,604

24,505

2,644

5,550

3,796

1,264

9,832

29,890

490

22 October 2023 6

520

7,838

4,776

2,485

5,398

33,666

577

2,619

8,432

5,631

2,170

10,943

40,939

631

4,169

9,645

6,347

2,538

13,744

47,419

760

4,221

8,678

5,385

2,760

12,403

49,002

533

3,826

7,865

4,881

2,501

12,049

53,500

483

4,136

8,502

5,276

2,704

12,544

58,732

522

Financials and valuations

Ratios								
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Basic (INR)								
EPS	92.1	143.9	223.2	218.0	198.7	169.0	135.9	174.6
EPS Growth (%)	-13.1	56.2	55.2	-2.3	-8.8	-15.0	-19.6	28.4
Cash EPS	129.4	184.0	267.2	264.0	258.4	236.0	208.7	251.2
BV/Share	765	922	1,065	1,292	1,496	1,582	1,702	1,856
DPS	13.0	13.4	37.8	19.9	24.9	25.0	21.3	27.1
Payout (%)	13.7	9.1	16.7	8.9	12.2	14.6	15.0	15.0
Valuation (x)								
P/E	72.4	46.4	29.9	30.6	33.6	39.5	49.1	38.2
Cash P/E	51.5	36.2	25.0	25.3	25.8	28.3	32.0	26.6
P/BV	8.7	7.2	6.3	5.2	4.5	4.2	3.9	3.6
EV/Sales	5.9	4.9	4.8	5.2	3.9	3.6	4.0	3.7
EV/EBITDA	39.1	25.8	22.0	21.3	21.7	25.4	28.8	23.7
Dividend Yield (%)	0.2	0.2	0.6	0.3	0.4	0.4	0.3	0.4
FCF per share	71.8	65.9	171.6	133.9	-121.3	-56.6	14.9	-9.7
Return Ratios (%)								
RoE	13.0	17.1	22.5	18.5	14.3	11.0	8.3	9.8
RoCE	12.3	16.0	21.2	17.7	13.7	10.5	8.1	9.5
RoIC	15.5	21.5	31.9	29.5	21.7	14.5	11.3	12.8
Working Capital Ratios								
Fixed Asset Turnover (x)	3.3	3.9	3.5	2.8	3.5	3.3	2.5	2.2
Asset Turnover (x)	1.4	1.4	1.2	0.9	1.1	1.1	0.9	0.9
Inventory (Days)	46	47	46	58	62	53	53	53
Debtor (Days)	79	63	64	72	71	57	57	57
Creditor (Days)	50	34	43	55	46	36	36	36
Leverage Ratio (x)								
Current Ratio	2.5	2.8	1.7	2.3	2.4	2.4	2.5	2.5
Net Debt/Equity ratio	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.0
Consolidated - Cash Flow Statement								(INR m)
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
OP/(Loss) before Tax	4,122	6,803	8,454	8,817	8,097	6,878	5,479	7,004
Depreciation	1,104	1,189	1,302	1,363	1,767	1,978	2,148	2,262
Interest Expenses	127	74	94	94	92	79	80	84
Others	-148	-62	-536	-826	-580	-205	0	0
Direct Taxes Paid	-1,054	-2,541	-2,168	-2,023	-2,017	-1,934	-1,379	-1,763
(Inc.)/Dec. in WC	-594	-1,427	1,667	-245	-5,046	271	1,113	-872
CF from Operations	3,557	4,036	8,813	7,180	2,314	7,067	7,441	6,715
(Inc.)/Dec. in FA	-1,430	-2,084	-3,733	-3,215	-5,905	-8,739	-7,000	-7,000
Free Cash Flow	2,127	1,953	5,080	3,964	-3,591	-1,672	441	-285
Change in Investments	6	-1,994	-4,344	-3,899	4,136	3,572	0	0
Others	123	2	250	651	93	474	0	0
CF from Investments	-1,302	-4,075	-7,827	-6,464	-1,676	-4,694	-7,000	-7,000
Inc./(Dec.) in Debt	-1,518	389	537	182	117	-914	940	705
Interest Paid	-129	-74	-94	-87	-99	-79	-80	-84
Dividend Paid	-381	-412	-1,515	-617	-590	-1,828	-628	-799
Others	-46	87	-33	0	-3	246	86	86
CF from Fin. Activity	-2,074	-11	-1,106	-522	-575	-2,575	318	-92
Inc./Dec. in Cash	182	-49	-120	194	63	-202	759	-377
Opening Balance	234	427	377	261	469	577	380	1,139
Closing Balance	427	377	261	469	577	380	1,139	762

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

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 Motilal Oswal Financial Services Limited are available 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 Proceedings of Motilal Oswal Financial Services Limited are available on the website at https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

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.

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 brokerdealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this

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
- 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

8 22 October 2023

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)
- 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.