

Galaxy Surfactants



 BSE SENSEX
 S&P CNX

 71,683
 21,622

Galaxy Global Supplier to Global Brands

Stock Info

Bloomberg	GALSURF IN
Equity Shares (m)	35
M.Cap.(INRb)/(USDb)	96.7 / 1.2
52-Week Range (INR)	2989 / 2218
1, 6, 12 Rel. Per (%)	-2/-7/-4
12M Avg Val (INR M)	67
Free float (%)	29.1

Financials Snapshot (INR b)

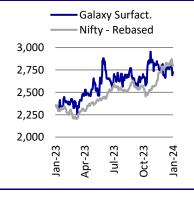
Y/E March	FY24E	FY25E	FY25E
Sales	40.8	46.5	53.2
EBITDA	5.4	6.1	6.9
PAT	3.4	4.0	4.6
EPS (INR)	95	111	130
EPS Gr. (%)	-11.3	17.0	16.6
BV/Sh.(INR)	607	695	799
Ratios			
Net D:E	-0.1	-0.2	-0.2
RoE (%)	16.7	17.1	17.4
RoCE (%)	15.9	16.9	17.4
Payout (%)	20.5	20.5	20.5
Valuations			
P/E (x)	28.6	24.5	21.0
P/BV (x)	4.5	3.9	3.4
EV/EBITDA (x)	17.5	15.2	13.1
Div. Yield (%)	0.7	0.8	1.0
FCF Yield (%)	4.1	2.5	3.0

Shareholding pattern (%)

As On	Dec-23	Sep-23	Dec-22
Promoter	70.9	70.9	70.9
DII	12.4	12.6	12.7
FII	3.6	3.1	2.8
Others	13.0	13.4	13.6

FII Includes depository receipts

Stock Performance (1-year)



CMP: INR2,727 TP: INR3,760 (+38%)

GALSURF is one of the leading players in the world of Surfactants and Specialty Care ingredients, exclusively focused on catering to the Home and Personal Care industry. Nine out of the 10 Indian consumers incorporate GALSURF's Surfactants or Specialty Care products at least once in their daily routine.

Robust volume growth subject to macroeconomic stability

We hosted the company for investor meetings. Below are the key highlights from the same.

Management confident of robust volume growth

- India has been one of the brighter spots for the company in terms of volume growth coming out of COVID. Volumes have grown in the range of ∼9-11% over FY21-23, and this momentum has continued into 1HFY24, with GALSURF posting a strong double-digit growth in India.
- Volumes have declined in the AMET region in the past couple of years due to various ongoing issues, including currency depreciation and other geopolitical reasons. However, there was revival seen with growth in the mid-single digits in 1HFY24.
- Growth in the RoW region was strong in FY22, but waned in FY23, with volumes declining 4.6%. The US faced challenges such as supply chain disruptions and fluctuations in interest rate during this period. Inventory destocking is another phenomenon that was witnessed by GALSURF coupled with demand cutbacks toward the end of CY22.
- The management has already guided for a volume growth of 6-8% with bias toward the upper band of the guided range. Management highlighted that 8-10% volume growth could also be achieved going forward provided that the global economic growth is supportive and there are no further macroeconomic shocks.
- The B2C segment is growing at a much faster rate, particularly in smaller markets that are expanding at a faster rate than traditional ones. Smaller players account for 30-35% of the company's overall volumes, and Indian volumes within this segment are growing at 10-15%. This trend suggests that the B2C segment has the potential to significantly contribute to robust volume growth.

Other highlights

- Fatty Alcohol is one of the main RMs of the company and contracts are structured around quarterly adjustments, reflecting changes in raw material prices. In these contracts, 55-60% is pass-through, a mechanism typically implemented with a one-quarter lag.
- The company does not consider customization of products under new products developed (but these customized products definitely add value to the customers). New products contribute 4-5% to the overall revenues on a five-year rolling basis and GALSURF has introduced 3-4 products in the past three years. A dedicated R&D center is in place for the purpose of product developments.

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

Research Analyst – Abhishek Nigam (Abhishek.Nigam@MotilalOswal.com) | Rohit Thorat (Rohit.Thorat@MotilalOswal.com)

> The company engages in co-development projects, often with a lead time of 2-2.5 years. In this business model, GALSURF conducts R&D, after which it develops the product to be supplied. The qualification process is quite stringent, with product approval for quality taking 6-12 months in some cases.

- Freight and container rates have shot up significantly due to the ongoing Red Sea issue and this rise in rates usually takes a couple of quarters to settle down. Management expects the same this time as well. And this is going to be the case for everyone with delays in delivery and increased logistical costs in India. Customers do consider and take into account all such issues as it is a global event.
- Asset turns are generally in the range of 2.5-3x for GALSURF. Capex guidance remains at INR1-1.5b with INR350-400m being maintenance capex.

Valuation and view – maintain Buy

- The continued focus on R&D (with an annual expenditure of INR400-500m) and increased wallet share from its existing customers should drive volume growth. Margin is also expected to expand gradually.
- We estimate a volume CAGR of 8% over FY23-26E. This growth is led by robust volumes in the domestic market and a recovery in the Specialty Care Products volumes in developed markets, where indications of growth have already begun to emerge.
- The stock is currently trading at ~25x FY25E EPS of INR111.5 and ~15x FY25E EV/EBITDA. We value the company at 30x Dec'25E EPS to arrive at a TP of INR3,760. We reiterate our BUY rating on the stock.

Exhibit 1: Volume has grown by 9% YoY in 1HFY24

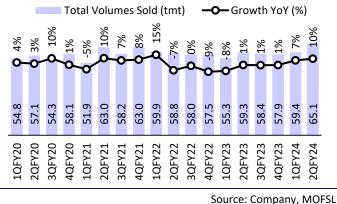
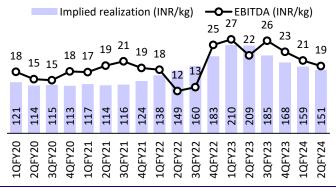
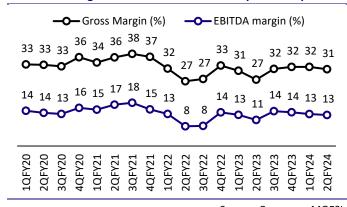


Exhibit 2: EBITDA/kg and realization trend of GALSURF



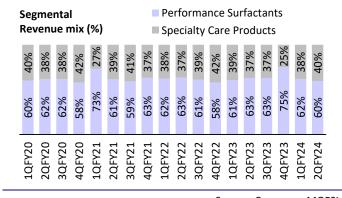
Source: Company, MOFSL

Exhibit 3: Margin has been stable over the past few quarters



Source: Company, MOFSL

Exhibit 4: Performance revenue has been 60-62% of total



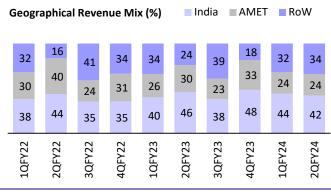
Source: Company, MOFSL

18 January 2024

Exhibit 6: AMET and RoW expected to stabilize going forward

Exhibit 5: Revenue contribution across customer categories

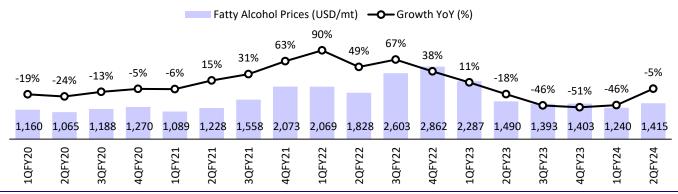
	MNO	Cousto	mers	■ Re	gional	players	s L	ocal &	Niche	players
	40	35	36	41	37	22 12	40	2117	34	34
	7	14	15	8	9		11		13	11
_	53	51	49	51	54	66	49	63	53	55
•	1QFY22	2QFY22	3QFY22	4QFY22	1QFY23	2QFY23	3QFY23	4QFY23	1QFY24	2QFY24



Source: Company, MOFSL

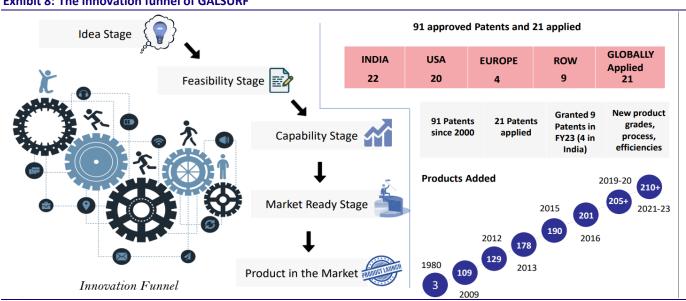
Source: Company, MOFSL

Exhibit 7: Fatty Alcohol prices have corrected after record highs during COVID



Source: Company, MOFSL

Exhibit 8: The innovation funnel of GALSURF



Source: Company, MOFSL

Exhibit 9: World class R&D facilities

Collaborative product development with Customers which helps Customers in choosing "Right Technology with Right Application"

Inhouse R&D Team of 100+ professionals comprising of doctorates, chemists and engineers

Well-Equipped R&D Centre, Pilot Plant at Tarapur, Maharashtra; Product applications centre for proteins at Denville, USA

Innovation Funnel (adopted in 2007) to consistently diversify product offerings, meet customer needs and consumer trends









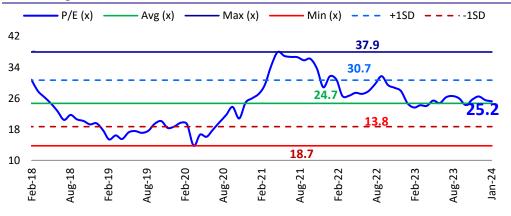
Source: Company, MOFSL

Exhibit 10: State-of-the-art manufacturing facilities

Location	No. of units	FY23	Details as on 31st Mar'23
Tarapur, Maharashtra	3	34,747	1 pilot plant for scale up and commercialisation of new products rolling out from R&D activities; easy access to the Jawaharlal Nehru Port Trust, Navi Mumbai
Taloja, Maharashtra	1	1,56,741	One of the largest sulfation facilities in India; easy access to the Jawaharlal Nehru Port Trust, Navi Mumbai
Jhagadia, Gujarat	1	1,32,750	❖ Located close to raw material source ethylene oxide
Suez, Egypt	1	1,17,500	Located in the Attaqa Public Free Zone, exempt from all direct and indirect taxes; access to the Suez Canal, can address AMET, Europe and Americas (North and South) markets
New Hampshire, USA	1	600	Step-down Subsidiary - Tri-K Industries owns and operates for different grades of proteins for cosmetic applications
Total	7	4,42,338	

Source: Company, MOFSL

Exhibit 11: On a one-year forward P/E, GALSURF trades at 25.2x, a 2% premium to its long-term average



Source: Company, MOFSL

Story in charts

Exhibit 12: Expect ~6% revenue CAGR over FY23-26E...

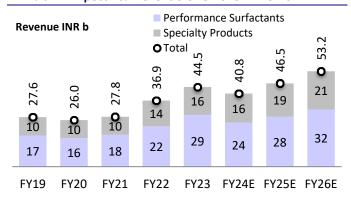


Exhibit 13: ...with specialty contribution improving in the mix

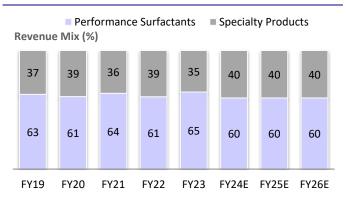


Exhibit 14: Expect capacity utilization to ramp up...

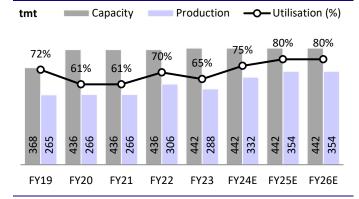


Exhibit 15: ...with higher volume growth from FY24 onwards

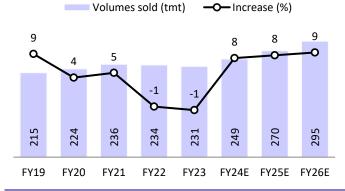


Exhibit 16: EBITDA/kg to improve gradually

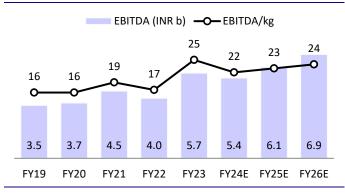


Exhibit 17: ...with PAT margin to remain stable

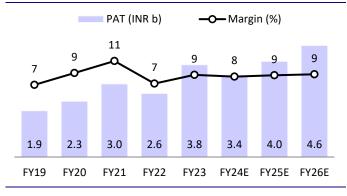


Exhibit 18: GALSURF is likely to generate FCF of INR9.2b...

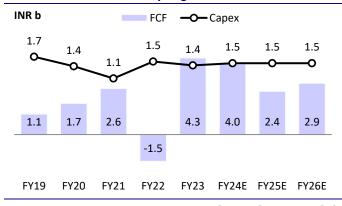
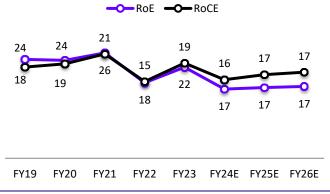


Exhibit 19: ...and become net cash company by FY24E



Source: Company, MOFSL

Source: Company, MOFSL

Financials and valuations

Consolidated - Income Statement								(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Total Income from Operations	27,630	25,964	27,841	36,857	44,452	40,806	46,488	53,207
Change (%)	12.2	-6.0	7.2	32.4	20.6	-8.2	13.9	14.5
Gross Margin (%)	29.5	33.9	36.3	29.8	30.3	31.8	30.8	29.9
EBITDA	3,534	3,689	4,488	4,007	5,683	5,359	6,084	6,927
Margin (%)	12.8	14.2	16.1	10.9	12.8	13.1	13.1	13.0
Depreciation	512	622	740	711	835	1,003	1,020	1,048
EBIT	3,022	3,067	3,749	3,297	4,848	4,355	5,065	5,879
Int. and Finance Charges	300	238	134	129	217	234	238	245
Other Income	47	59	109	125	99	112	126	138
PBT bef. EO Exp.	2,769	2,888	3,723	3,293	4,730	4,233	4,952	5,772
PBT after EO Exp.	2,769	2,888	3,723	3,293	4,730	4,233	4,952	5,772
Total Tax	859	584	702	665	920	855	1,001	1,166
Tax Rate (%)	31.0	20.2	18.8	20.2	19.4	20.2	20.2	20.2
Reported PAT	1,910	2,304	3,021	2,628	3,810	3,378	3,952	4,606
Adjusted PAT	1,910	2,304	3,021	2,628	3,810	3,378	3,952	4,606
Change (%)	20.9	20.6	31.1	-13.0	45.0	-11.3	17.0	16.6
Margin (%)	6.9	8.9	10.9	7.1	8.6	8.3	8.5	8.7

Consolidated - Balance Sheet								(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Equity Share Capital	355	355	355	355	355	355	355	355
Total Reserves	8,413	10,323	12,660	15,389	18,471	21,157	24,300	27,964
Net Worth	8,767	10,678	13,014	15,744	18,826	21,512	24,655	28,318
Total Loans	2,978	3,196	2,374	3,660	2,718	1,359	1,019	764
Deferred Tax Liabilities	320	241	233	249	283	283	283	283
Capital Employed	12,065	14,115	15,621	19,652	21,827	23,154	25,957	29,366
Gross Block	9,722	11,525	11,945	12,828	15,302	16,802	18,302	19,802
Less: Accum. Deprn.	4,609	5,231	5,971	6,681	7,516	8,519	9,539	10,587
Net Fixed Assets	5,112	6,294	5,974	6,146	7,786	8,282	8,763	9,215
Goodwill on Consolidation	25	28	27	28	30	30	30	30
Capital WIP	826	660	1,240	2,055	1,392	1,392	1,392	1,392
Total Investments	0	58	435	5	0	0	0	0
Curr. Assets, Loans&Adv.	9,717	11,081	12,821	17,772	18,137	18,499	21,528	25,320
Inventory	3,513	3,250	4,278	7,118	6,458	5,905	6,730	7,709
Account Receivables	4,268	4,394	4,689	6,380	6,148	5,644	6,429	7,359
Cash and Bank Balance	257	542	1,114	711	2,476	4,141	5,176	6,608
Cash	250	477	815	638	2,319	3,984	5,019	6,451
Bank balance	7	65	299	74	157	157	157	157
Loans and Advances	1,680	2,894	2,740	3,563	3,055	2,810	3,192	3,644
Curr. Liability & Prov.	3,615	4,005	4,874	6,353	5,518	5,049	5,755	6,591
Account Payables	3,059	2,731	3,770	5,189	4,302	3,933	4,483	5,135
Other Current Liabilities	416	1,098	918	1,011	1,082	993	1,131	1,295
Provisions	140	176	186	153	134	123	140	161
Net Current Assets	6,102	7,075	7,947	11,419	12,620	13,450	15,773	18,729
Appl. of Funds	12,065	14,115	15,621	19,652	21,827	23,154	25,957	29,366

Financials and valuations

V/C Mouch	EV40	EV20	EV/24	EV22	EV22	EV24E	EVACE	EVACE
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Basic (INR)								
EPS	53.9	65.0	85.2	74.1	107.5	95.3	111.5	129.9
EPS Growth (%)	20.9	20.6	31.1	-13.0	45.0	-11.3	17.0	16.6
Cash EPS	68.3	82.5	106.1	94.2	131.0	123.6	140.2	159.5
BV/Share	247.3	301.2	367.1	444.1	531.0	606.8	695.5	798.8
DPS	12.0	17.0	18.0	18.0	22.0	19.5	22.8	26.6
Payout (%)	26.9	31.5	21.1	24.3	20.5	20.5	20.5	20.5
Valuation (x)								
P/E	50.6	41.9	32.0	36.8	25.4	28.6	24.5	21.0
Cash P/E	39.9	33.0	25.7	28.9	20.8	22.1	19.4	17.1
P/BV	11.0	9.0	7.4	6.1	5.1	4.5	3.9	3.4
EV/Sales	3.6	3.8	3.5	2.7	2.2	2.3	2.0	1.7
EV/EBITDA	28.1	26.9	21.8	24.9	17.0	17.5	15.2	13.1
Dividend Yield (%)	0.4	0.6	0.7	0.7	0.8	0.7	0.8	1.0
FCF per share	32.4	49.2	72.7	-42.3	121.0	111.4	68.3	81.1
Return Ratios (%)								
RoE	23.9	23.7	25.5	18.3	22.0	16.7	17.1	17.4
RoCE	18.4	19.1	21.1	15.5	19.2	15.9	16.9	17.4
RoIC	19.5	20.5	23.7	17.7	22.4	19.5	21.8	23.0
Working Capital Ratios								
Fixed Asset Turnover (x)	5.8	4.6	4.5	6.1	6.4	5.1	5.5	5.9
Asset Turnover (x)	2.3	1.8	1.8	1.9	2.0	1.8	1.8	1.8
Inventory (Days)	46	46	56	70	53	53	53	53
Debtor (Days)	56	62	61	63	50	50	50	50
Creditor (Days)	40	38	49	51	35	35	35	35
Leverage Ratio (x)								
Current Ratio	2.7	2.8	2.6	2.8	3.3	3.7	3.7	3.8
Interest Cover Ratio	10.1	12.9	27.9	25.7	22.3	18.6	21.3	24.0
Net Debt/Equity	0.3	0.2	0.1	0.2	0.0	-0.1	-0.2	-0.2
rece beauty Equity	0.5	0.2	0.1	0.2	0.0	0.1	0.2	0.2
Consolidated - Cash Flow Statement								(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
OP/(Loss) before Tax	2,769	2,888	3,723	3,293	4,730	4,233	4,952	5,772
Depreciation	512	622	740	711	835	1,003	1,020	•
Others	288	220	740	90	214	234	238	1,048
								245
Direct Taxes Paid	-750	-686	-706	-594	-953	-855	-1,001	-1,166
(Inc)/Dec in WC	11	113	-186	-3,450	903	835	-1,288	-1,524
CF from Operations	2,830	3,157	3,651	49	5,729	5,450	3,921	4,375
Capex	-1,680	-1,414	-1,073	-1,547	-1,439	-1,500	-1,500	-1,500
Free Cash Flow	1,150	1,744	2,578	-1,498	4,291	3,950	2,421	2,875
CF from Investments	-1,673	-1,511	-1,647	-841	-1,486	-1,500	-1,500	-1,500
Inc/(Dec) in Debt	-623	562	-951	941	-1,039	-1,359	-340	-255
Interest Paid	-272	-226	-152	-131	-241	-234	-238	-245
Dividend Paid	-298	-940	-495	-142	-1,275	-691	-809	-943
CF from Fin. Activity	-1,192	-1,434	-1,650	592	-2,643	-2,285	-1,387	-1,443
Inc/Dec of Cash	-36	212	354	-201	1,601	1,665	1,035	1,432
Opening Balance	271	250	477	815	637	2,318	3,983	5,018
Closing Balance	251	477	815	637	2,318	3,983	5,018	6,450

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 brokling activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL),NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at http://o

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 service transactions. Details of pending Enquiry Procu 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.

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") 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.

18 January 2024 9

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:

CHOVARIOU TOUROUGH COIL.								
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.