Buy



## **Transport Corporation of India**

**BSE SENSEX S&P CNX** 57,065 16,983



## **Recent thematic report on Logistics**



#### Stock Info

Bloomberg	TRPC IN
Equity Shares (m)	77
M.Cap.(INRb)/(USDb)	53.2 / 0.7
52-Week Range (INR)	838 / 226
1, 6, 12 Rel. Per (%)	13/52/142
12M Avg Val (INR M)	96
Free float (%)	33.5

### Financials Snapshot (INR b)

Y/E March	2021	2022E	2023E
Net Sales	28.0	32.4	38.4
EBITDA	2.6	3.7	4.3
Adj. PAT	1.6	2.6	3.0
Adj. EPS (INR)	20.8	33.6	39.4
EPS Gr. (%)	5.2	61.7	17.2
BV/Sh. (INR)	151.7	182.3	218.2
Ratios			
Net D/E (x)	0.2	0.1	0.0
RoE (%)	14.5	20.0	19.6
RoCE (%)	12.4	17.5	17.8
Payout (%)	13.1	8.9	8.9
Valuations			
P/E (x)	33.1	20.5	17.5
P/BV (x)	4.5	3.8	3.2
EV/EBITDA (x)	20.6	14.3	12.2
Div. Yield (%)	0.4	0.4	0.5
FCF Yield (%)	3.4	2.7	0.0

# Unique business model with multimodal capabilities to drive performance

TP: INR790 (+15%)

- We released our Logistics thematic report recently (Report link), wherein we stressed upon the Logistics sector moving towards formalization. We noted that this would provide strong growth opportunities for some of the established players, such as Transport Corporation (TCI). The share price of TCI has been up ~45% since our initiation, and we believe there is more steam left.
- The unique multimodal capabilities of TCI would drive consistent growth in volumes and earnings across segments over the next few years. With the easing of fuel prices (on account of tax cuts), margins are expected to remain at elevated levels.
- TCI has a well-blended portfolio, with a presence across a) the high-volume Freight segment, b) value-added segments such as Integrated Supply Chain Solutions, and c) niche high-margins segments such as Seaways. We expect TCI to clock a revenue/EBITDA/PAT CAGR of ~17%/25%/33% over FY21–24. We reiterate our Buy rating, with revised TP of INR790/share (16x FY24E EPS).

# Volumes improve with robust festive demand in 2Q; margins hit all-time highs, driven by Seaways segment

- The easing of restrictions and robust festive demand has led to a strong pickup in volumes in the last few months.
- TCI reported all-time high margins of ~13% in 2QFY22. While Seaways saw strong margins with increased freight rates, Freight Services margins were driven by cost control and improved efficiency.

# Multimodal capabilities to drive sustainable performance for TCI over the long term

- TCI is among the very few players that provide end-to-end logistic solutions with multimodal capabilities across road freight, rail, and coastal shipping.
- Road freight would benefit from the plunge in diesel prices by ~10% from the tax cuts announced in early Nov'21, which would support margins.
- The Supply Chain segment is well-placed to capitalize on the early-mover advantage with its wide service offerings and strong clientele.
- The Seaways segment is expected to grow well with higher volumes and improved realization. The purchase of a new ship in FY23E would help increase the share of the high-margin Seaways segment, aiding earnings growth.

## Valuation and view

**CMP: INR688** 

- We expect the growth momentum to continue with a) the pickup in economic activity, b) the normalization of transportation activity, and c) govt. reforms leading to formalization and market share gains for organized players such as TCI.
- We expect TCI to clock a revenue/EBITDA/PAT CAGR of ~17%/25%/33% over FY21-24E. The stock trades at 14x FY24 EPS. We maintain our Buy rating, with revised TP of INR790/share (16x FY24E EPS).

Alok Deora - Research analyst (Alok.Deora@motilaloswal.com)

Dhirendra Patro- Research analyst (Dhirendra.Patro@motilaloswal.com)

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

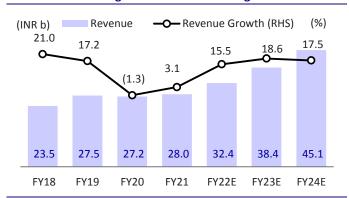
## **Financial story in charts**

**Exhibit 1: Freight and 3PL to dominate** 



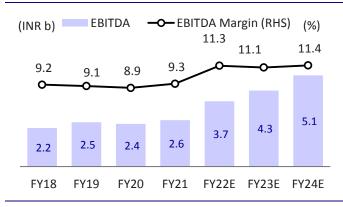
Source: Company, MOFSL

**Exhibit 2: Revenue growth to remain strong** 



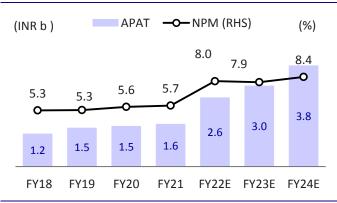
Source: Company, MOFSL

**Exhibit 3: Margins to remain robust** 



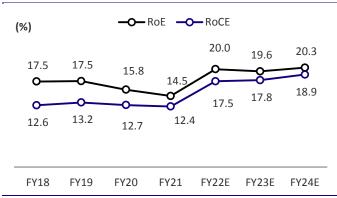
Source: Company, MOFSL

**Exhibit 4: Strong operating performance to drive PAT** 



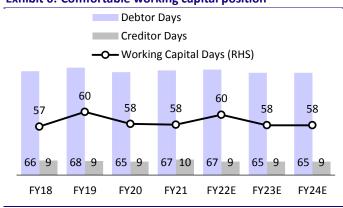
Source: Company, MOFSL

**Exhibit 5: Return ratios set to improve** 



Source: Company, MOFSL

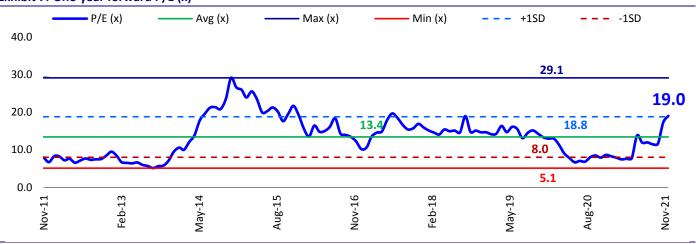
**Exhibit 6: Comfortable working capital position** 



Source: Company, MOFSL

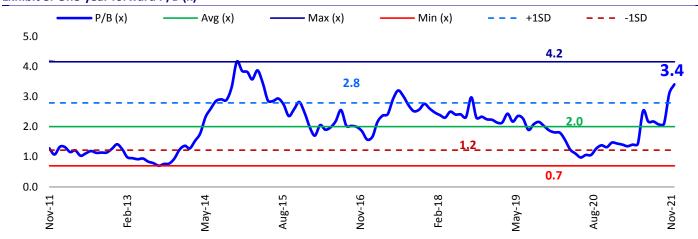
MOTILAL OSWAL

## Exhibit 7: One-year forward P/E (x)



Source: Company, MOFSL

## Exhibit 8: One-year forward P/B (x)



Source: Company, MOFSL

## **Financials and valuations**

Consolidated – Income Statement							
Y/E March (INR m)	FY18	FY19	FY20	FY21	FY22E	FY23E	FY24E
Net Sales	23,499	27,536	27,178	28,024	32,362	38,379	45,113
Change (%)	21.0	17.2	-1.3	3.1	15.5	18.6	17.5
Gross Margin (%)	18.9	18.2	18.5	18.0	19.8	19.4	19.6
EBITDA	2,165	2,495	2,405	2,612	3,672	4,276	5,132
Margin (%)	9.2	9.1	8.9	9.3	11.3	11.1	11.4
Depreciation	686	774	825	928	981	1,094	1,258
EBIT	1,478	1,721	1,580	1,684	2,691	3,182	3,874
Int. and Finance Charges	322	374	343	267	210	193	166
Other Income	144	195	201	255	285	348	452
PBT	1,301	1,542	1,438	1,672	2,766	3,337	4,160
Tax	287	333	159	238	415	601	749
Effective Tax Rate (%)	22.0	21.6	11.1	14.3	15.0	18.0	18.0
PAT before MI, Associates, and EO Items	1,014	1,209	1,279	1,434	2,351	2,736	3,411
Share of profit/(loss) of Associates and JVs	224	251	252	201	282	356	443
Minority Interest	0	0	-8	-33	-42	-56	-63
Extraordinary Items	0	7	99	131	0	0	0
Reported PAT	1,238	1,453	1,424	1,471	2,591	3,036	3,792
Adjusted PAT	1,238	1,460	1,522	1,602	2,591	3,036	3,792
Change (%)	52.4	17.9	4.3	5.2	61.7	17.2	24.9
Margin (%)	5.3	5.3	5.6	5.7	8.0	7.9	8.4
Consolidated – Balance Sheet							
Y/E March (INR m)	FY18	FY19	FY20	FY21	FY22E	FY23E	FY24E
Equity Share Capital	153	153	154	154	154	154	154
Total Reserves	7,465	8,766	10,085	11,543	13,902	16,669	20,190
Net Worth	7,618	8,920	10,239	11,697	14,057	16,823	20,345
Minority Interest	47	52	57	86	86	86	86
Deferred Tax Liabilities	445	390	302	273	273	273	273
Total Loans	4,396	4,703	4,186	2,767	2,367	2,022	1,677
Capital Employed	12,505	14,065	14,784	14,823	16,783	19,204	22,381
Gross Block	7,873	9,503	10,595	10,684	11,684	14,434	15,934
Less: Accum. Deprn.	1,615	2,235	3,111	3,275	4,256	5,351	6,608
Net Fixed Assets	6,258	7,268	7,483	7,409	7,427	9,083	9,325
Capital WIP	563	40	450	690	700	650	620
Total Investments	1,044	1,168	1,354	1,500	1,500	1,500	1,500
Curr. Assets, Loans, and Adv.	6,113	7,683	7,547	7,790	9,994	11,121	14,638
Inventory	33	53	66	71	89	105	124
Account Receivables	4,249	5,151	4,873	5,110	5,940	6,835	8,034
Cash and Bank Balances	142	155	259	395	1,499	1,256	2,795
Cash	127	101	132	341	1,444	1,201	2,741
Bank Balance	15	55	128	55	55	55	55
Loans and Advances	235	268	268	124	143	170	200
Others	1,453	2,056	2,081	2,089	2,323	2,755	3,486
Current Liab. and Prov.	1,472	2,095	2,050	2,565	2,838	3,149	3,702
Account Payables	597	674	639	759	754	894	1,051
Other Current Liabilities	820	1,355	1,309	1,719	1,986	2,138	2,513
Provisions	55	65	102	86	99	118	138
Net Current Assets	4,641	5,589	5,497	5,225	7,156	7,971	10,936
Application of Funds	12,505	14,065	14,784	14,823	16,783	19,204	22,381

## **Financials and valuations**

Ratios							
Y/E March	FY18	FY19	FY20	FY21	FY22E	FY23E	FY24E
Basic (INR)							
EPS	16.1	18.9	19.7	20.8	33.6	39.4	49.2
EPS growth (%)	52.4	17.9	4.3	5.2	61.7	17.2	24.9
Cash EPS	25.0	29.0	30.4	32.8	46.3	53.6	65.5
BV/Share	98.8	115.7	132.8	151.7	182.3	218.2	263.9
DPS	1.6	1.8	2.0	2.5	3.0	3.5	3.5
Payout (Incl. Div. Tax, %)	13.2	12.6	14.1	13.1	8.9	8.9	7.1
Valuation (x)							
P/E	41.0	34.8	33.3	31.7	20.5	17.5	14.0
Cash P/E	26.4	22.7	21.6	20.1	14.8	12.8	10.5
EV/EBITDA	24.9	21.7	22.2	19.8	14.3	12.2	9.8
EV/Sales	2.3	2.0	2.0	1.8	1.6	1.4	1.1
P/BV	6.7	5.7	5.0	4.3	3.8	3.2	2.6
Dividend Yield (%)	0.2	0.3	0.3	0.4	0.4	0.5	0.5
Return Ratios (%)							
RoE	17.5	17.5	15.8	14.5	20.0	19.6	20.3
RoCE	12.6	13.2	12.7	12.4	17.5	17.8	18.9
RoIC	11.4	11.5	11.1	11.6	18.1	18.1	19.1
Working Capital Ratios							
Fixed Asset Turnover (x)	3.3	3.2	2.7	2.6	2.9	2.9	3.0
Asset Turnover (x)	1.9	2.0	1.8	1.9	1.9	2.0	2.0
Inventory (Days)	1	1	1	1	1	1	1
Debtors (Days)	66	68	65	67	67	65	65
Creditors (Days)	9	9	9	10	9	9	9
Leverage Ratio (x)							
Net Debt/Equity	0.6	0.5	0.4	0.2	0.1	0.0	-0.1
Consolidated – Cash Flow Statement							
Y/E March (INR m)	FY18	FY19	FY20	FY21	FY22E	FY23E	FY24E
OP/(Loss) before Tax	1,525	1,786	1,591	1,743	2,766	3,337	4,160
Depreciation	686	774	825	928	981	1,094	1,258
Direct Taxes Paid	-368	-342	-410	52	-415	-601	-749
(Inc.)/Dec. in WC	-576	-758	181	232	-840	-989	-1,347
Other Items	301	331	242	93	-75	-155	-286
CF from Operations	1,568	1,791	2,428	3,047	2,417	2,687	3,035
(Inc.)/Dec. in FA	-1,511	-1,259	-1,321	-1,241	-1,010	-2,700	-1,470
Free Cash Flow	57	532	1,108	1,807	1,407	-13	1,565
Change in Investments	-8	-49	-55	-17	0	0	0
Others	209	-268	22	196	277	249	342
CF from Investments	-1,309	-1,576	-1,353	-1,062	-733	-2,451	-1,128
Change in Equity	0	12	24	40	0	0	0
Inc./(Dec.) in Debt	184	307	-523	-1,419	-400	-345	-345
Dividends Paid	-163	-182	-201	-96	-231	-270	-270
Others	-323	-338	-343	-302	51	136	247
CF from Fin. Activity	-303	- <b>202</b>	-1,044	-1,776	-581	-479	-368
Inc./(Dec.) in Cash	-44	13	31	209	1,104	-243	1,539
Opening Balance	187	142	101	132	341	1,444	1,201
Closing Balance	142	155	132	341	1,444	1,201	2,741
S. S	176	-33	-32	371	±,	1,201	-,, -1

## 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 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, Investment Advisory Services, Depository participant services & distribution of various financial products. MOFSL is a subsidiary company of Passionate Investment Management Pvt. Ltd.. (PIMPL). MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at 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 <a href="https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx">https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx</a>

A graph of daily closing prices of securities is available at <a href="www.nseindia.com">www.nseindia.com</a>. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

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 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 MOČMSPL 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

30 November 2021

MOTILAL OSWAL

The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company
- received compensation/other benefits from the subject company in the past 12 months
- 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.

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.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 71934200/ 022-71934263; Website www.motilaloswal.com.CIN no.: L67190MH2005PLC153397.Correspondence Office Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad(West), Mumbai-400 064. Tel No: 022 7188 1000.

Registration Nos.: Motilal Oswal Financial Services Limited (MOFSL)\*: INZ000158836(BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412. AMFI: ARN - 146822; Investment Adviser: INA000007100; Insurance Corporate Agent: CA0579;PMS:INP000006712. Motilal Oswal Asset Management Company Ltd. (MOAMC): PMS (Registration No.: INP000000670); PMS and Mutual Funds are offered through MOAMC which is group company of MOFSL. Motilal Oswal Financial Services Limited is a distributor of Mutual Funds, PMS, Fixed Deposit, Bond, NCDs,Insurance Products and IPOs.Real Estate is offered through Motilal Oswal Real Estate Investment Advisors II Pvt. Ltd. which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. Ltd which is a group company of MOFSL. Research & Advisory services is backed by proper research. Please read the Risk Disclosure Document prescribed by the Stock Exchanges carefully before investing. There is no assurance or guarantee of the returns. Investment in securities market is subject to market risk, read all the related documents carefully before investing. Details of Compliance Officer: Name: Neeraj Agarwal, Email ID: na@motilaloswal.com, Contact No.:022-71881085.

\* MOSL has been amalgamated with Motilal Oswal Financial Services Limited (MOFSL) w.e.f August 21, 2018 pursuant to order dated July 30, 2018 issued by Hon'ble National Company Law Tribunal, Mumbai Bench.