

RESULT UPDATE

KEY DATA

Rating	HOLD
Sector relative	Neutral
Price (INR)	2,671
12 month price target (INR)	2,700
52 Week High/Low	3,378/2,152
Market cap (INR bn/USD bn)	516/6.1
Free float (%)	41.5
Avg. daily value traded (INR mn)	757.4

SHAREHOLDING PATTERN

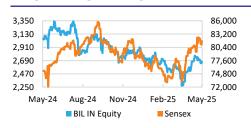
	Mar-25	Dec-24	Sep-24
Promoter	58.30%	58.30%	58.30%
FII	11.46%	11.28%	11.72%
DII	23.63%	23.81%	23.31%
Pledge	0.00%	0.00%	0.00%

FINANCIALS (INR mn) Year to March FY24A FY25A FY26E FY27E Revenue 93.757 106,149 113,544 126,936 **EBITDA** 23.221 26.812 29.557 33.042 Adjusted profit 14.379 16.216 17.661 19.423 Diluted EPS (INR) 74.4 100.5 83.9 91.4 33.3 12.8 8.9 10.0 EPS growth (%) 16.9 15.9 15.4 RoAE (%) 17.5 35.9 31.8 29.2 26.6 P/E (x) EV/EBITDA (x) 23.5 20.4 18.6 16.5 Dividend yield (%)

CHANGE IN ESTIMATES

	Revised 6	Revised estimates		sion
Year to March	FY26E	FY27E	FY26E	FY27E
Revenue	113,544	126,936	0	2
EBITDA	29,557	33,042	-1	1
Adjusted profit	17,661	19,423	-3	-3
Diluted EPS (INR)	91.4	100.5	-3	-3

PRICE PERFORMANCE



Entry into new segments: A challenge

Q4FY25 revenue/EBITDA grew 5%/1% YoY to INR28.4bn/7.0bn, above estimates, on the back of higher volumes/realisation. From being an OHT player, BIL is entering TBR/PCR segments, at a capex of ~INR30bn. Factoring in large capex leading to higher depreciation/interest costs and decline in other income, we are cutting FY26/27E EPS by 3% each.

Over the medium term, increasing presence in TBR/PCR segments is likely to be challenging, considering high competitive intensity among mass-market tyre firms. These firms have lower EBITDA margins (less than 15%), and trade at lower valuation multiples (mean P/E at 15x or lower), compared with BIL. Downgrade to 'HOLD' with a TP of INR2,700 (INR3,100 earlier), based on 27x (30x earlier) FY27E EPS.

Q4FY25 EBITDA above estimates

Revenue grew 5% YoY to INR28.4bn, above our estimate of INR26.2bn, owing to higher-than-expected volumes and forex gains. Volumes were flat at 82,062MT while realisation grew 5% to INR345,786/MT led by better mix and forex gains. Within volumes, share of replacement rose to 71% (versus 70% last year). Gross margin contracted 210bp to 51.2%. Freight cost/revenue fell 220bp to 5.5%. EBITDA inched up 1% to INR7.04bn, above our estimate of INR6.57bn on revenue beat. EBITDA margin contracted 110bp to 24.8%, led by higher employee costs and other expenses. Unrealised forex loss impact below the EBITDA line was INR580mn versus gain of INR490mn last year. All in all, PAT plunged 25% to INR3.62bn (estimate: INR4.55bn), missing estimates, mainly due to unrealised forex losses.

Near-term prospects subdued for underlying OHT industry

Weak demand is likely in tractors and construction equipment tyres for North America and Europe markets in CY25. Major OEMs such as John Deere and CNH expect a fall in tractor volumes for North America and Europe markets in CY25 while Volvo, John Deere and CNH anticipate lower volumes in construction equipment. Although industry prospects are muted, we reckon BIL shall gain share and grow at a moderate pace, at a volume/revenue CAGR of 6%/9% over FY25-27E.

Entry into new segments poses challenge

From being a niche OHT player, BIL has announced an entry into domestic TBR and PCR, at a capex of ~INR30bn. Over the medium term, an increasing presence in domestic TBR and PCR segments is likely to be challenging, considering the high competitive intensity with several established incumbent mass-market tyre companies. The tyre companies in these segments have lower levels of profitability, with EBITDA margins of < 15% versus BIL's margins at 25%.

Financials

Year to March	4Q FY25	4Q FY24	YoY (%)	3Q FY25	QoQ (%)
Net Revenue	28,376	26,966	5.2	25,716	10.3
EBITDA	7,035	6,991	0.6	6,391	10.1
Adjusted Profit	3,619	4,804	-24.7	4,398	-17.7
Diluted EPS (INR)	18.7	24.9	-24.7	22.8	-17.7

Raghunandhan NL raghunandhan.nl@nuvama.com Manay Shah manavt.shah@nuvama.com Rahul Kumar rahuls.k@nuvama.com

Financial Statements

Income Statement (INR mn)

Year to March	FY24A	FY25A	FY26E	FY27E
Total operating income	93,757	106,149	113,544	126,936
Gross profit	49,013	55,518	59,838	66,515
Employee costs	4,413	4,936	5,356	5,863
Other expenses	21,380	23,770	24,925	27,609
EBITDA	23,221	26,812	29,557	33,042
Depreciation	6,438	6,735	7,603	8,746
Less: Interest expense	1,089	1,252	1,310	1,304
Add: Other income	2,750	2,670	2,742	2,727
Profit before tax	18,994	21,495	23,386	25,719
Prov for tax	4,615	5,279	5,725	6,296
Less: Other adj	0	0	0	0
Reported profit	14,379	16,216	17,661	19,423
Less: Excp.item (net)	0	0	0	0
Adjusted profit	14,379	16,216	17,661	19,423
Diluted shares o/s	193	193	193	193
Adjusted diluted EPS	74.4	83.9	91.4	100.5
DPS (INR)	16.0	16.0	18.3	20.1
Tax rate (%)	24.3	24.6	24.5	24.5

Balance Sheet (INR mn)

zalance sheet (min min)					
Year to March	FY24A	FY25A	FY26E	FY27E	
Share capital	387	387	387	387	
Reserves	88,232	103,452	117,580	133,118	
Shareholders funds	88,619	103,838	117,967	133,505	
Minority interest	0	0	0	0	
Borrowings	30,369	32,124	33,395	31,799	
Trade payables	12,657	13,813	15,488	17,609	
Other liabs & prov	4,405	5,821	6,025	6,312	
Total liabilities	136,050	155,596	172,875	189,225	
Net block	62,681	68,961	76,974	88,830	
Intangible assets	5	5	6	6	
Capital WIP	9,444	9,851	15,901	12,966	
Total fixed assets	72,130	78,818	92,881	101,802	
Non current inv	26,862	32,649	31,649	31,649	
Cash/cash equivalent	530	626	1,119	3,327	
Sundry debtors	15,501	16,206	17,669	19,753	
Loans & advances	0	0	0	0	
Other assets	16,408	21,334	23,177	25,563	
Total assets	136,050	155,596	172,875	189,225	

Important Ratios (%)

Year to March	FY24A	FY25A	FY26E	FY27E
Gross profit margin (%)	52.3	52.3	52.7	52.4
Staff cost % sales	4.7	4.6	4.7	4.6
Other expenses % sales	22.8	22.4	22.0	21.8
EBITDA margin (%)	24.8	25.3	26.0	26.0
Net profit margin (%)	15.3	15.3	15.6	15.3
Revenue growth (% YoY)	(6.9)	13.2	7.0	11.8
EBITDA growth (% YoY)	14.5	15.5	10.2	11.8
Adj. profit growth (%)	33.3	12.8	8.9	10.0

Free Cash Flow (INR mn)

	,			
Year to March	FY24A	FY25A	FY26E	FY27E
Reported profit	18,991	21,563	23,386	25,719
Add: Depreciation	6,438	6,735	7,603	8,746
Interest (net of tax)	706	314	1,310	1,304
Others	(3,061)	(1,967)	0	0
Less: Changes in WC	1,628	(4,324)	(2,399)	(3,295)
Operating cash flow	20,525	17,532	24,292	26,306
Less: Capex	(10,750)	(14,456)	(21,667)	(17,667)
Free cash flow	9,775	3,076	2,626	8,639

Assumptions

Year to March	FY24A	FY25A	FY26E	FY27E
India (tonnes)	78,424	90,168	98,389	107,272
Europe (tonnes)	137,828	142,188	143,095	151,232
America (tonnes)	49,454	47,921	49,583	53,735
Others (tonnes)	26,922	34,995	39,568	44,563

Key Ratios

Year to March	FY24A	FY25A	FY26E	FY27E
RoE (%)	17.5	16.9	15.9	15.4
RoCE (%)	17.2	17.8	17.2	17.1
Inventory days	117	108	122	119
Receivable days	55	55	54	54
Payable days	95	95	100	100
Working cap (% sales)	19.6	21.2	21.2	20.6
Gross debt/equity (x)	0.3	0.3	0.3	0.2
Net debt/equity (x)	0.2	0.2	0.2	0.2
Interest coverage (x)	17.9	18.2	18.8	20.7

Valuation Metrics

Year to March	FY24A	FY25A	FY26E	FY27E
Diluted P/E (x)	35.9	31.8	29.2	26.6
Price/BV (x)	5.8	5.0	4.4	3.9
EV/EBITDA (x)	23.5	20.4	18.6	16.5
Dividend yield (%)	0.6	0.6	0.7	0.8

Source: Company and Nuvama estimates

Valuation Drivers

Year to March	FY24A	FY25A	FY26E	FY27E
EPS growth (%)	33.3	12.8	8.9	10.0
RoE (%)	17.5	16.9	15.9	15.4
EBITDA growth (%)	14.5	15.5	10.2	11.8
Payout ratio (%)	21.5	19.1	20.0	20.0

Q4FY25 conference call: Key takeaways

• 2030 outlook: The company has announced its 2030 revenue target of INR230bn, implying a five-year CAGR of 17%. Of this, 70% is likely to come from OHT, 10% from carbon black, and 20% from new tyre categories (TBR and PCR). Blended EBITDA margin, after the full ramp-up of new segments, is likely to be in the range of 23–25%. RoCE is likely to decline marginally.

OHT

- Market share: Balkrishna currently holds a 6% share of the global OHT market and aims to ramp this up to 8% by 2030. Reaching a 10% global market share remains a strategic goal, to be pursued through modular and carefully phased investments. In the domestic market, the company holds a 15% share of the agriculture replacement segment and has established a dominance in other OHT sub-segments.
- Rubber tracks: The company has received positive customer response from its
 pilot project for tracks. It plans to expand this offering to cater to the agriculture,
 construction, and industrial sectors, targeting global demand. A dedicated
 manufacturing facility for tracks is currently being expanded and is likely to be
 operational by H2FY26.
- Capacity expansion: The company plans to increase its total capacity to 425,000 MTPA, driven by ongoing expansion efforts (35,000MTPA) and de-bottlenecking initiatives.

Carbon black

- **FY25 revenue** accounted for 8–9% of the company's overall revenue.
- Capacity expansion: Capacity to increase from 200,000MTPA to 360,000MTPA
 along with a 24MW cogeneration power plant, taking total co-gen power
 capacity to 64MW at Bhuj. The expansion shall be completed by early 2026.

TBR and PCR

- Entry into new segments: The company plans to enter the premium TBR and PCR tyre categories, aiming to scale this business up to a 20% revenue share by 2030. The initial focus will be on the domestic replacement market.
- Timeline: TBR pilot launch is likely in Q4FY26 while PCR in Q3FY27.
- Market share: Management expects to achieve 5% market share by 2030.

Other

- US tariffs: Base tariff of 10% is now applicable to the company's products exported to the US. The impact is currently being partially absorbed by the company.
- Cost trends: Commodity costs have softened, and management expects 1% RM cost reduction QoQ in Q1FY26. Freight rates are likely to remain stable.
- **Gross debt** at the end of Mar-25 stood at INR32.1bn, **cash** at INR33.3bn and **net cash** at INR1.2bn.
- Capex in FY25 was INR15bn. The board has approved a capex of INR35bn over three years for setting up additional production facilities at Bhuj for carbon black, power plant, rubber tracks, TBR and PCR. The capex continues for 35,000MTPA OHT capacity, and yearly maintenance capex is likely at INR5-7bn.

Exhibit 1: Change in estimates: Trimming FY26E/27E EPS by 3% each on higher depreciation/interest costs, reduction in other income

INR mn	Old estimates		New estimates		Variance (%)	
IIII ANIII	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E
Net revenues	113,332	124,425	113,544	126,936	0	2
EBITDA	29,733	32,761	29,557	33,042	-1	1
Adjusted Profit	18,234	20,127	17,661	19,423	-3	-3
Diluted EPS (INR)	94.3	104.1	91.4	100.5	-3	-3

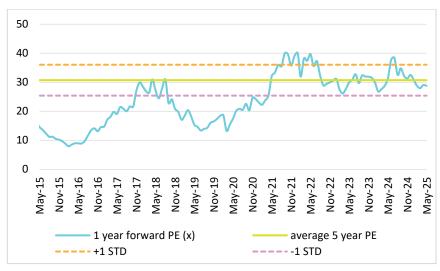
Source: Nuvama Research

Exhibit 2: Key revenue assumption: CAGR at 9% over FY25–27E

	FY24	FY25	FY26E	FY27E	FY25-27E CAGR (%)
OHT volumes by geography					
India	78,424	90,168	98,389	107,272	9
% of sales	27	29	30	30	
Growth (%)	21	15	9	9	
Europe	137,828	142,188	143,095	151,232	3
% of sales	47	45	43	42	
Growth (%)	(9)	3	1	6	
America	49,454	47,921	49,583	53,735	6
% of sales	17	15	15	15	
Growth (%)	(8)	(3)	3	8	
Others	26,922	34,995	39,568	44,563	13
% of sales	9	11	12	12	
Growth (%)	(11)	30	13	13	
Total	292,628	315,273	330,635	356,803	6
Growth (%)	(3)	8	5	8	
Realization (INR)	295,765	306,296	310,259	315,789	2
Growth (%)	(6)	4	1	2	
OHT revenues (INRmn)	86,549	96,567	102,583	112,675	8
Growth (%)	(8)	12	6	10	
Carbon black/Others (INRmn)	7,208	9,582	10,962	14,262	22
Revenue (INRmn)	93,757	106,149	113,544	126,936	9
Growth (%)	(7)	13	7	12	

Source: Company, Nuvama Research

Exhibit 3: One year forward P/E



Source: Bloomberg, Nuvama Research

Exhibit 4: Quarterly snapshot (Standalone, INR mn); EBITDA above estimates

Year to March	4Q FY25	4Q FY24	YoY (%)	3Q FY25	QoQ (%)
Net revenues	28,376	26,966	5.2	25,716	10.3
Raw material	13,840	12,595	9.9	12,235	13.1
Staff costs	1,280	1,106	15.7	1,309	(2.2)
Other expenses	6,220	6,274	(0.9)	5,780	7.6
Total expenditure	21,341	19,975	6.8	19,324	10.4
EBITDA	7,035	6,991	0.6	6,391	10.1
Depreciation	1,764	1,724	2.3	1,708	3.3
EBIT	5,271	5,267	0.1	4,684	12.5
Less: Interest Expense	489	299	63.6	150	225.9
Add: Other income	550	874	(37.1)	240	129.2
MTM (losses)/ gains	(580)	490	(218.4)	1,120	(151.8)
Add: Exceptional items					
Profit before tax	4,752	6,332	(24.9)	5,894	(19.4)
Less: Provision for Tax	1,133	1,528	(25.8)	1,496	(24.3)
Less: Minority Interest					
Add: Share of profit from associates					
Reported Profit	3,619	4,804	(24.7)	4,398	(17.7)
Adjusted Profit	3,619	4,804	(24.7)	4,398	(17.7)
No. of Diluted shares outstanding	193	193		193	
Adjusted Diluted EPS	18.7	24.9	(24.7)	22.8	(17.7)
As a % revenues					
Year to March	4Q FY25	4Q FY24	bps change (YoY)	3Q FY25	bps change (QoQ)
Gross margins	51.2	53.3	(207)	52.4	(120)
Raw material	48.8	46.7	207	47.6	120
Staff costs	4.5	4.1	41	5.1	(58)
Other expenses	21.9	23.3	(135)	22.5	(56)
EBIDTA	24.8	25.9	(113)	24.9	(6)
Adjusted net profit	12.8	17.8	(506)	17.1	(435)
Tax rate (% PBT)	23.8	24.1	(29)	25.4	(154)

Source: Company, Nuvama Research

Company Description

BIL is the flagship company of the Siyaram Group and was incorporated in 1961. It is the holding company of Balkrishna Paper Mills, Balkrishna Tyres and Balkrishna Synthetic. The company's success story began in 1995, when it entered into production of cross ply off highway tires. Its product was instantly accepted in European and North American markets. With the help of persistent and intensive market research coupled with ever-expanding production capabilities, BIL is currently one of the world's leading manufacturers of OTH tyres and boasts of a large product range for agricultural, industrial, construction and earthmoving applications. BIL sells tractor tyres under brand Agrimax and OTR tyres under the brand Earthmax. Its continuous focus on R&D has helped it develop over 120–150 new SKUs every year, coupled with the world's fastest turnaround time of 8-10 weeks for new product development.

Investment Profile

Weak demand is likely in tractors and construction equipment tyres for North America and Europe markets in CY25. Major OEMs such as John Deere and CNH expects a fall in tractors for North America and Europe markets in CY25 while Volvo, John Deere and CNH anticipates lower volumes in construction equipment. Although industry prospects are muted, we expect BIL to gain share, and grow at a moderate pace, with volume/revenue CAGRs at 6%/9% over FY25-27E.

From being a niche OHT player, BIL has announced entry into domestic TBR and PCR, at capex of ~INR30bn. Over the medium term, increasing presence in domestic TBR and PCR segments is likely to be challenging, considering high competitive intensity with several established incumbent mass-market tyre companies. These tyre companies in these segments have lower level of profitability, with EBITDA margin of <15%, versus BIL margin at 25%. Furthermore, mass-market tyre companies trade at lower valuation multiples (historical mean P/E at 15x or lower).

We recommend Hold, with TP of INR2,700 based on 27x P/E on FY27E EPS.

Key Risks

- Lower-than-expected growth in underlying regions
- · Geopolitical issues resulting in higher freight costs
- Spike in input prices
- Adverse currency movement
- Increase in competitive intensity

Additional Data

Management

Chairman/MD	Arvind M Poddar
Joint MD	Rajiv A Poddar
Sr. President Commercial and CFO	Madhusudan Bajaj
CS	Vipul Shah
Auditor	Jayantilal Thakkar & Co.

Recent Company Research

Date	Title	Price	Reco
03-Mar-25	Outlook muted; share gains to endure; Visit Note	2,582	Buy
27-Jan-25	Q3 in line; near-term outlook weak; Result Update	2,680	Buy
26-Oct-24	Q2 outperforms; near-term outlook weak; <i>Result Update</i>	2,908	Buy

Holdings - Top 10*

	% Holding		% Holding
HDFC AMC	5.57	Vanguard Group	1.72
LIC	4.60	Blackrock Inc	1.52
PPFAS AMC	2.17	FundRock Manager	1.51
Kotak AMC	1.75	SBI Fund Manager	1.17
Norges Bank	1.75	Motilal Oswal AMC	0.87

^{*}Latest public data

Recent Sector Research

Date	Name of Co./Sector	Title
23-May-25	AIA Engineering	Awaiting visibility on volume growth; Result Update
23-May-25	Flair	Nothing to write home about; Result Update
20-May-25	DOMS	Margins drag; capacities to power growth; Result Update

Rating and Daily Volume Interpretation



Source: Bloomberg, Nuvama research

Rating Rationale & Distribution: Nuvama Research

nating nationale & Distribution: Natural a nescuren				
Rating	Expected absolute returns over 12 months	Rating Distribution		
Buy	15%	204		
Hold	<15% and >-5%	63		
Reduce	<-5%	34		

DISCLAIMER

Nuvama Wealth Management Limited (defined as "NWML" or "Research Entity") a company duly incorporated under the Companies Act, 1956 (CIN No L67110MH1993PLC344634) having its Registered office situated at 801- 804, Wing A, Building No. 3, Inspire BKC, G Block, Bandra Kurla Complex, Bandra East, Mumbai – 400 051 is regulated by the Securities and Exchange Board of India ("SEBI") and is licensed to carry on the business of broking, Investment Adviser, Research Analyst and other related activities. Name of Compliance/Grievance officer: Mr. Atul Bapna, E-mail address: compliance-officer.nwm@nuvama.com Contact details +91 (22) 6623 3478 Investor Grievance e-mail address- grievance.nwm@nuvama.com

This Report has been prepared by NWML in the capacity of a Research Analyst having SEBI Registration No.INH000011316 and Enlistment no. 5723 with BSE and distributed as per SEBI (Research Analysts) Regulations 2014. This report does not constitute an offer or solicitation for the purchase or sale of any financial instrument or as an official confirmation of any transaction. Securities as defined in clause (h) of section 2 of the Securities Contracts (Regulation) Act, 1956 includes Financial Instruments and Currency Derivatives. The information contained herein is from publicly available data or other sources believed to be reliable. This report is provided for assistance only and is not intended to be and must not alone be taken as the basis for an investment decision. The user assumes the entire risk of any use made of this information. Each recipient of this report should make such investigation as it deems necessary to arrive at an independent evaluation of an investment in Securities referred to in this document (including the merits and risks involved), and should consult his own advisors to determine the merits and risks of such investment. The investment discussed or views expressed may not be suitable for all investors.

This information is strictly confidential and is being furnished to you solely for your information. This information should not be reproduced or redistributed or passed on directly or indirectly in any form 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 NWML and associates, subsidiaries / group companies to any registration or licensing requirements within such jurisdiction. The distribution of this report in certain jurisdictions may be restricted by law, and persons in whose possession this report comes, should observe, any such restrictions. The information given in this report in certain report and there can be no assurance that future results or events will be consistent with this information. This information is subject to change without any prior notice. NWML reserves the right to make modifications and alterations to this statement as may be required from time to time. NWML or any of its associates / group companies shall not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. NWML is committed to providing independent and transparent recommendation to its clients. Neither NWML nor any of its associates, group companies, directors, employees, agents or representatives shall be liable for any damages whether direct, indirect, special or consequential including loss of revenue or lost profits that may arise from or in connection with the use of the information. Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein. Past performance is not necessarily a guide to future performance. The

NWML shall not be liable for any delay or any other interruption which may occur in presenting the data due to any reason including network (Internet) reasons or snags in the system, break down of the system or any other equipment, server breakdown, maintenance shutdown, breakdown of communication services or inability of the NWML to present the data. In no event shall NWML be liable for any damages, including without limitation direct or indirect, special, incidental, or consequential damages, losses or expenses arising in connection with the data presented by the NWML through this report.

We offer our research services to clients as well as our prospects. Though this report is disseminated to all the customers simultaneously, not all customers may receive this report at the same time. We will not treat recipients as customers by virtue of their receiving this report.

NWML and its associates, officer, directors, and employees, research analyst (including relatives) worldwide may: (a) from time to time, have long or short positions in, and buy or sell the Securities, mentioned herein or (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 subject company/company(ies) discussed herein or act as advisor or lender/borrower to such company(ies) or have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance. (c) NWML may have proprietary long/short position in the above mentioned scrip(s) and therefore should be considered as interested. (d) The views provided herein are general in nature and do not consider risk appetite or investment objective of any particular investor; readers are requested to take independent professional advice before investing. This should not be construed as invitation or solicitation to do business with NWML (e) Registration granted by SEBI and certification from NISM in no way guarantee performance of NWML or provide any assurance of returns to investors and clients.

NWML or its associates may have received compensation from the subject company in the past 12 months. NWML or its associates may have managed or co-managed public offering of securities for the subject company in the past 12 months. NWML or its associates may have received compensation for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. NWML or its associates may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months. NWML or its associates have not received any compensation or other benefits from the Subject Company or third party in connection with the research report. Research analyst or his/her relative or NWML/s associates may have financial interest in the subject company. NWML and/or its Group Companies, their Directors, affiliates and/or employees may have interests/positions, financial or otherwise in the Securities/Currencies and other investment products mentioned in this report. NWML, its associates, research analyst and his/her relative may have other potential/material conflict of interest with respect to any recommendation and related information and opinions at the time of publication of research report or at the time of public appearance.

Participants in foreign exchange transactions may incur risks arising from several factors, including the following: (i) exchange rates can be volatile and are subject to large fluctuations; (ii) the value of currencies may be affected by numerous market factors, including world and national economic, political and regulatory events, events in equity and debt markets and changes in interest rates; and (iii) currencies may be subject to devaluation or government imposed exchange controls which could affect the value of the currency. Investors in securities such as ADRs and Currency Derivatives, whose values are affected by the currency of an underlying security, effectively assume currency risk.

Research analyst has served as an officer, director or employee of subject Company: No

NWML has financial interest in the subject companies: No

NWML's Associates may have actual / beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report.

Research analyst or his/her relative has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

NWML has actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of publication of research report: No

Subject company may have been client during twelve months preceding the date of distribution of the research report.

There were no instances of non-compliance by NWML on any matter related to the capital markets, resulting in significant and material disciplinary action during the last three years. A graph of daily closing prices of the securities is also available at www.nseindia.com

Analyst Certification:

The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Additional Disclaimers

Disclaimer for U.S. Persons

This research report is a product of NWML, which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution by NWML only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor.

In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, NWML has entered into an agreement with a U.S. registered broker-dealer, Nuvama Financial Services Inc. (formerly Edelweiss Financial Services Inc.) ("NFSI"). Transactions in securities discussed in this research report should be effected through NFSI.

Disclaimer for U.K. Persons

The contents of this research report have not been approved by an authorised person within the meaning of the Financial Services and Markets Act 2000 ("FSMA").

In the United Kingdom, this research report is being distributed only to and is directed only at (a) persons who have professional experience in matters relating to investments falling within Article 19(5) of the FSMA (Financial Promotion) Order 2005 (the "Order"); (b) persons falling within Article 49(2)(a) to (d) of the Order (including high net worth companies and unincorporated associations); and (c) any other persons to whom it may otherwise lawfully be communicated (all such persons together being referred to as "relevant persons").

This research report must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this research report relates is available only to relevant persons and will be engaged in only with relevant persons. Any person who is not a relevant person should not act or rely on this research report or any of its contents. This research report must not be distributed, published, reproduced or disclosed (in whole or in part) by recipients to any other person.

Disclaimer for Canadian Persons

This research report is a product of NWML, which is the employer of the research analysts who have prepared the research report. The research analysts preparing the research report are resident outside the Canada and are not associated persons of any Canadian registered adviser and/or dealer and, therefore, the analysts are not subject to supervision by a Canadian registered adviser and/or dealer, and are not required to satisfy the regulatory licensing requirements of the Ontario Securities Commission, other Canadian provincial securities regulators, the Investment Industry Regulatory Organization of Canada and are not required to otherwise comply with Canadian rules or regulations regarding, among other things, the research analysts' business or relationship with a subject company or trading of securities by a research analyst.

This report is intended for distribution by NWML only to "Permitted Clients" (as defined in National Instrument 31-103 ("NI 31-103")) who are resident in the Province of Ontario, Canada (an "Ontario Permitted Client"). If the recipient of this report is not an Ontario Permitted Client, as specified above, then the recipient should not act upon this report and should return the report to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any Canadian person.

NWML is relying on an exemption from the adviser and/or dealer registration requirements under NI 31-103 available to certain international advisers and/or dealers. Please be advised that (i) NWML is not registered in the Province of Ontario to trade in securities; (ii) NWML's head office or principal place of business is located in India; (iii) all or substantially all of NWML's assets may be situated outside of Canada; (iv) there may be difficulty enforcing legal rights against NWML because of the above; and (v) the name and address of the NWML's agent for service of process in the Province of Ontario is: Bamac Services Inc., 181 Bay Street, Suite 2100, Toronto, Ontario MSJ 273 Canada.

Disclaimer for Singapore Persons

In Singapore, this report is being distributed by Nuvama Investment Advisors Private Limited (NIAPL) (Previously Edelweiss Investment Advisors Private Limited ("EIAPL")) (Co. Reg. No. 201016306H) which is a holder of a capital markets services license and an exempt financial adviser in Singapore and (ii) solely to persons who qualify as "institutional investors" or "accredited investors" as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Pursuant to regulations 33, 34, 35 and 36 of the Financial Advisers Regulations ("FAR"), sections 25, 27 and 36 of the Financial Advisers Act, Chapter 110 of Singapore shall not apply to NIAPL when providing any financial advisory services to an accredited investor (as defined in regulation 36 of the FAR. Persons in Singapore should contact NIAPL in respect of any matter arising from, or in connection with this publication/communication. This report is not suitable for private investors.

Disclaimer for Hong Kong persons

This report is distributed in Hong Kong by Nuvama Investment Advisors (Hong Kong) Private Limited (NIAHK) (Previously Edelweiss Securities (Hong Kong) Private Limited (ESHK)), a licensed corporation (BOM -874) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to Section 116(1) of the Securities and Futures Ordinance "SFO". 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 report also does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of any individual recipients. The Indian Analyst(s) who compile this report is/are not located in Hong Kong and is/are not licensed to carry on regulated activities in Hong Kong and does not / do not hold themselves out as being able to do so.

INVESTMENT IN SECURITIES MARKET ARE SUBJECT TO MARKET RISKS. READ ALL THE RELATED DOCUMENTS CAREFULLY BEFORE INVESTING.

Abneesh Roy Head of Research Committee Abneesh.Roy@nuvama.com