INSTITUTIONAL RESEARCH

SpiceJet

Challenging quarter

SpiceJet's 2QFY20 results were weaker than expected (Reported loss of Rs 4.6 bn) due to the adverse impact from the grounding of the 737 MAX planes as well as seasonality. We have lowered our EBITDAR estimates by ~ 15% over FY20-22 to factor in the above. Maintain BUY with a revised TP of Rs 140 (at 7x Sep-21E EV/EBITDAR).

HIGHLIGHTS OF THE QUARTER

- Financials: While ASKMs grew +51% YoY in 2QFY20, yield growth was restricted (+3% YoY) due to a seasonally weak quarter. The co reported an EBITDAR loss of Rs 545mn due to inefficiencies arising from grounding of the B737 and forex losses. Factoring higher depreciation, interest expense and exceptional gain of Rs 1.7bn related to the MAX planes, reported loss is Rs 4.6bn (vs. Rs 3.8bn in 2QFY19). Adjusted for the above, loss was of Rs 6.3bn.
- While the near term demand trends are soft, the management is hopeful of a recovery in 1HCY20. We believe that the sector dynamics will remain favorable due to the recent consolidation in the industry. This will ensure pricing discipline in the medium term.
- Fleet / Capacity: After aggressive fleet addition in

1QFY20, the airline added 4 NGs this quarter, taking the fleet strength to 113 planes. SpiceJet is banking on an early return of the MAX planes to service, which will drive operational efficiencies. In the interim, they are inducting aircraft on short term leases in the ongoing winter schedule. We are building 38% growth in ASKM for FY20.

SpiceJet is expanding its international operations post the grounding of Jet Airways. Further, the carrier has added 2 more freighters in the quarter as the airline will increase its cargo services. The carrier is growing by expanding in the regional routes under the UDAN scheme and is now focusing on overseas/cargo segments.

STANCE

Maintain BUY as (1) SpiceJet will benefit from the improving industry structure in the medium term (2) Fuel prices remain benign, which will allow for better cost management (3) Further, any resolution with regards to the 737 MAX planes will improve the cost structure of the low cost carrier. The stock is trading at reasonable valuations of 9.6/6.7/5.9x EV/EBITDAR on FY20/21E/22E.

INDUSTRY	AV	IATION	
CMP (as on 14	1 Nov 201	9)	Rs 107
Target Price			Rs 140
Nifty			11,872
Sensex			40,286
KEY STOCK DAT	Ά		
Bloomberg			SJET IN
No. of Shares (n	nn)		600
MCap (Rs bn) /	(\$ mn)		64/892
6m avg traded v	/alue (Rs r	nn)	282
STOCK PERFOR	MANCE (%	6)	
F2 Wool, bigh /	1	D-	157/73
52 Week high /	iow	KS	157/72
52 week nigh /	3M	6M	15///2 12M
Absolute (%)		6M	12M
_	3M	6M (12.3)	12M 27.8
Absolute (%)	3M (23.2) (31.2)	6M (12.3) (20.2)	12M 27.8
Absolute (%) \Relative (%)	3M (23.2) (31.2) G PATTERI	6M (12.3) (20.2)	12M 27.8
Absolute (%) \Relative (%)	3M (23.2) (31.2) G PATTERI Ju	6M (12.3) (20.2) N (%)	12M 27.8 13.1
Absolute (%) \Relative (%) SHAREHOLDING	3M (23.2) (31.2) G PATTERI Ju	6M (12.3) (20.2) N (%) n-19	12M 27.8 13.1 Sep-19
Absolute (%) \Relative (%) SHAREHOLDING Promoters	3M (23.2) (31.2) G PATTERI Ju	6M (12.3) (20.2) N (%) n-19	12M 27.8 13.1 Sep-19 60.0
Absolute (%) \Relative (%) SHAREHOLDING Promoters Fls & Local MFs	3M (23.2) (31.2) G PATTERI	6M (12.3) (20.2) N (%) n-19 60.0 8.2	12M 27.8 13.1 Sep-19 60.0 8.0
Absolute (%) \Relative (%) SHAREHOLDING Promoters Fls & Local MFs FPIs	3M (23.2) (31.2) G PATTERI Ju	6M (12.3) (20.2) N (%) n-19 60.0 8.2 4.8	12M 27.8 13.1 Sep-19 60.0 8.0 5.2

Aditya Makharia

Source: BSE

aditya.makharia@hdfcsec.com +91-22-6171-7316

Mansi Lall mansi.lall@hdfcsec.com +91-22-3021-2070

Financial Summary: Standalone

VE Manuala (Dansan)	205/20	205740	0/ W-W	4051/20	0/ 0-0	E)/4.0	FV40	EV20E	EV24 E	EV22E
YE March (Rs mn)	2QFY20	2QFY19	% YoY	1QFY20	% QoQ	FY18	FY19	FY20E	FY21E	FY22E
Net Sales	28,452	18,825	51.1	30,021	(5.2)	77,557	91,133	123,940	150,320	168,393
EBITDAR	(545)	(422)	29.1	6,842	NM	17,896	12,868	17,948	25,685	29,186
APAT	(6,393)	(3,878)	64.9	1,477	NM	5,667	(2,526)	(4,816)	658	1,831
Diluted EPS (Rs)	(10.7)	(6.5)	64.9	2.5	NM	9.4	(4.2)	(8.0)	1.1	3.1
P/E (x)						11.3	(25.4)	(13.3)	97.5	35.0
EV / EBITDAR (x)						8.1	12.7	9.6	6.7	5.9

Source: Company, HDFC sec Inst Research NM=Not Meaningful



Revenues were driven by a healthy 44% growth in RPKs

Spice Jet has added 6 planes in 2Q and its fleet size has risen to 113

Due to the grounding of MAX aircraft in Mar-19, 13 planes are incurring expenses. While SpiceJet is confident that Boeing will compensate them for losses and has provided Rs 1,767mn as aircraft/ supplemental lease rentals incurred in 2QFY20 as other income, the auditors have qualified their limited review report in this regard

Quarterly Financials Snapshot

Particulars (Rs mn)	2QFY20	2QFY19	% YoY	1QFY20	% QoQ	1HFY20	1HFY19	% YoY
Passenger Revenue	24,407	16,450	48.4	26,424	(7.6)	50,831	36,475	39.4
Ancillary Revenue	2,898	1,955	48.2	2,643	9.6	5,541	4,098	35.2
Other operating revenue	1,147	342	235.4	954	20.2	2,101	703	198.8
Net Sales	28,452	18,825	51.1	30,021	(5.2)	58,473	41,183	42.0
Fuel cost	11,621	8,451	37.5	10,284	13.0	21,905	16,575	32.2
Airport fees & charges	2,924	1,790	63.4	2,425	20.6	5,348	3,559	50.3
Aircraft Maintenance	5,184	3,583	44.7	4,556	13.8	9,739	7,011	38.9
Other operating costs	1,192	674	76.9	991	20.2	2,183	1,330	64.1
Employee cost	3,962	2,526	56.8	3,536	12.0	7,498	5,005	49.8
Forex gain/(loss)	1,930	-	-	(280)	-	1,650	-	-
Other expenses	2,185	2,224	(1.7)	1,666	31.2	3,852	4,491	(14.2)
Total expenses	28,997	19,247	50.7	23,179	25.1	52,176	37,971	37.4
EBITDAR	(545)	(422)	29.1	6,842	NM	6,297	3,212	96.0
Aircraft and engine rentals	633	2,777	(77.2)	646	(2.1)	1,278	5,573	(77.1)
EBITDA	(1,178)	(3,199)	(63.2)	6,196	NM	5,019	(2,361)	NM
Depreciation	4,363	648	572.9	3,773	15.6	8,135	1,279	536.0
EBIT	(5,540)	(3,847)	44.0	2,424	NM	(3,117)	(3,640)	(14.4)
Other income (inculding EO items)	2,283	294	675.3	1,432	59.4	3,714	10	38,592.6
Interest	1,368	325	321.2	1,238	10.5	2,607	627	315.6
PBT	(4,626)	(3,878)	19.3	2,617	NM	(2,009)	(4,258)	(52.8)
Tax expense	-	-	-	-	-	-	-	-
RPAT	(4,626)	(3,878)	19.3	2,617	NM	(2,009)	(4,258)	(52.8)
Exceptional items	1,767	-	-	1,140	55.0	2,907	(635)	(558.0)
APAT	(6,393)	(3,878)	64.9	1,477	NM	(4,916)	(3,623)	35.7
EPS	(10.7)	(6.5)	64.9	2.5	NM	(8.2)	(6.0)	35.7

Source: Company, HDFC sec Inst Research NM=Not Meaningful



Yield growth was restricted (+3% YoY) owing to a soft quarter

Load factor were at 89% in 2Q (vs. 93.7% YoY). The mgmt expects traffic growth to pick up in 1HCY20

Margin Analysis

As % of sales	2QFY20	2QFY19	YoY (bps)	1QFY20	QoQ (bps)	1HFY20	1HFY19	YoY (bps)
Fuel cost	40.8	44.9	(405)	34.3	659	37.5	40.2	(279)
Airport fees & charges	10.3	9.5	<i>77</i>	8.1	220	9.1	8.6	50
Aircraft Maintenance	18.2	19.0	(81)	15.2	304	16.7	17.0	(37)
Other operating costs	4.2	3.6	61	3.3	89	3.7	3.2	50
Employee cost	13.9	13.4	50	11.8	214	12.8	12.2	67
Forex	6.8	-	678	(0.9)	771	2.8	-	282
Other expenses	7.7	11.8	(413)	5.5	213	6.6	10.9	(432)
Total expenses	101.9	102.2	(33)	77.2	2,471	89.2	92.2	(297)
EBITDAR Margin	(1.9)	(2.2)	33	22.8	(2,471)	10.8	7.8	297
Aircraft and engine rentals	2.2	14.7	(1,253)	2.2	7	2.2	13.5	(1,135)
EBITDA Margin	(4.1)	(17.0)	1,285	20.6	NM	8.6	(5.7)	NM
RPAT Margin	(16.3)	(20.6)	434	8.7	NM	(3.4)	(10.3)	690
APAT Margin	(22.5)	(20.6)	(187)	4.9	NM	(8.4)	(8.8)	39

Operating Metrics

Operating Metrics	2QFY20	2QFY19	% YoY	1QFY20	% QoQ	1HFY20	1HFY19	% YoY
ASKM (in mn)	7,751	5,121	51.4	6,797	14.0	14,548	10,329	40.8
RPKM (in mn)	6,898	4,798	43.8	6,321	9.1	13,220	9,721	36.0
Load Factor (%)	89.0	93.7	-469 bps	93.0	-400 bps	90.9	94.1	-325 bps
Yield (Rs)	3.5	3.4	3.2	4.2	(15.4)	3.8	3.8	2.5
RASK (Rs)	3.67	3.68	(0.1)	4.42	(16.9)	4.02	3.99	0.8
Aircraft Fuel/ASKM	1.50	1.65	(9.1)	1.51	(0.9)	1.51	1.60	(6.2)
Gross Margin	2.17	2.03	7.2	2.90	(25.2)	2.51	2.38	5.5
Employee Cost/ASKM	0.51	0.49	3.6	0.52	(1.8)	0.52	0.48	6.4
Ownership cost/ASKM	0.82	0.73	12.1	0.83	(1.4)	0.83	0.72	14.1
Other Operating Exp./ASKM	0.81	0.92	(11.2)	0.75	8.7	0.78	0.91	(13.8)
Other Operating Exp./ASKM	0.67	0.70	(4.4)	0.67	(0.2)	0.67	0.68	(1.4)
Non-Fuel Op.Exp/ASKM	2.81	2.84	(0.9)	2.77	1.6	2.79	2.80	(0.1)
CASK	4.31	4.49	(4.0)	4.28	0.7	4.30	4.40	(2.3)
CASK net of Other Income	2.81	2.84	(0.9)	2.77	1.6	2.79	2.80	(0.1)
RASK-CASK without other income	(0.64)	(0.81)	(21.1)	0.13	(582.1)	(0.28)	(0.41)	(32.2)
Fleet	113	65	73.8	107	5.6	113	65	73.8



We expect revenues to grow at a 23% CAGR over FY19-22E driven by fleet addition

Key Assumptions

KEY ASSUMPTIONS	FY18	FY19	FY20E	FY21E	FY22E
Fleet Size	63	76	122	137	153
ASKM (in mn)	19,498	22,322	30,805	36,350	39,985
YoY Growth (%)	17.2	14.5	38.0	18.0	10.0
RPKM (in mn)	18,465	20,670	28,007	33,049	36,354
YoY Growth (%)	21.2	11.9	35.5	18.0	10.0
Load Factor %	95	93	91	91	91
Yield (Rs)	3.6	3.6	3.9	4.0	4.1
YoY Growth (%)	2.7	1.4	7.0	3.0	2.0
Operating Revenue (Rs mn)	77,557	91,132	123,940	150,320	168,393
YoY Growth (%)	25.3	17.5	36.0	21.3	12.0
Unit Economics (In Rs)					
RASK	3.98	4.08	4.02	4.14	4.21
Aircraft Fuel/ASKM	1.25	1.54	1.41	1.41	1.37
Gross margin	2.73	2.54	2.61	2.73	2.84
Employee Cost/ASKM	0.44	0.47	0.47	0.50	0.51
Ownership cost/ASKM	0.67	0.72	0.79	0.74	0.74
Other Operating Exp./ASKM	1.37	1.49	1.53	1.47	1.50
CASK	3.73	4.22	4.19	4.11	4.11
RASK-CASK (w/o other income)	0.25	(0.14)	(0.17)	0.02	0.10

Source: Company, HDFC sec Inst Research

Peer Set Comparison

	Мсар	СМР	CMP Reco	Pose	TD	Adj	EPS (Rs/sh)			P/E (x)		EV/	EBITDAR (x)	
	(Rs bn)	(Rs/sh)	Reco	Reco IP	FY20E	FY21E	FY22E	FY20E	FY21E	FY22E	FY20E	FY21E	FY22E	
Interglobe Aviation	583	1,517	BUY	1,610	24.1	89.9	130.2	62.9	16.9	11.7	11.2	6.6	4.8	
SpiceJet	64	107	BUY	140	(8.0)	1.1	3.1	NA	97.5	35.0	9.6	6.7	5.9	

Source: HDFC sec Inst Research



Valuation

(Rs mn)	FY21E	FY22E
EBITDAR	25,685	29,186
EV/EBITDAR multiple (x)	7.0	7.0
Target EV	179,794	204,305
Net Debt (including capitalised lease)	107,147	106,870
Equity Value	72,647	97,435
No. of equity shares (mn)	600	600
Target Price (Rs)	121	162
Sep-21 EPS		140

Source: HDFC sec Inst Research

Change in estimates

	NEW				OLD		% Change		
	FY20	FY21	FY22	FY20	FY21	FY22	FY20	FY21	FY22
Revenues	123,940	150,320	168,393	126,771	157,810	173,932	(2.2)	(4.7)	(3.2)
EBITDAR	17,948	25,685	29,186	22,953	29,750	34,504	(21.8)	(13.7)	(15.4)
Adj. PAT	(4,816)	658	1,831	400	3,439	3,938	(1,302.7)	(80.9)	(53.5)
EPS	(8.0)	1.1	3.1	0.7	5.7	6.6	(1,302.2)	(80.9)	(53.5)

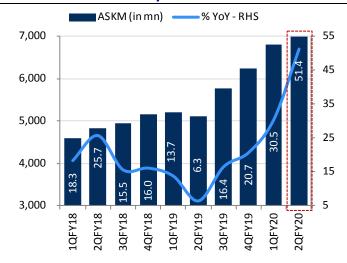
Source: HDFC sec Inst Research



Strong growth in ASKM and RPKM is due to the favorable change in the industry dynamics (post the grounding of Jet Airways)

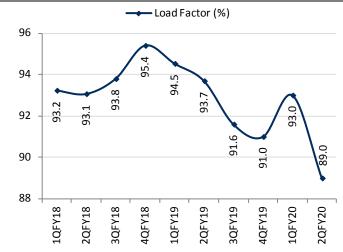
SpiceJet has gained market share and is now the second largest carrier

ASKM: Growth driven by fleet addition



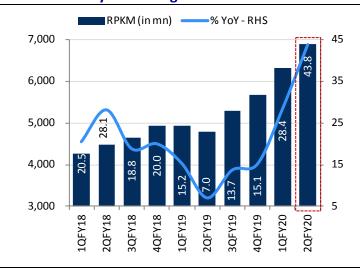
Source: Company, HDFC sec Inst Research

Load factors moderated to 89% due to seasonality



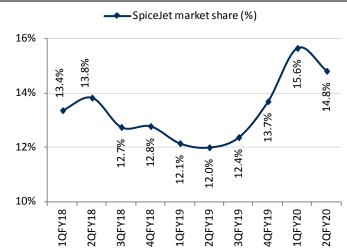
Source: Company, HDFC sec Inst Research

RPKM: Healthy 44% YoY growth



Source: Company, HDFC sec Inst Research

Market share is stabilizing at 15%





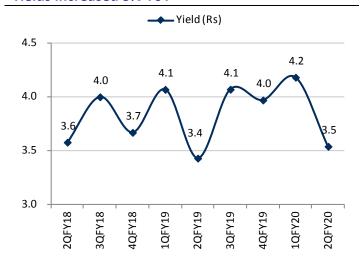
Healthy fleet addition will partially offset for the grounding of the B737 MAX

4 Boeings were added to the fleet in the quarter



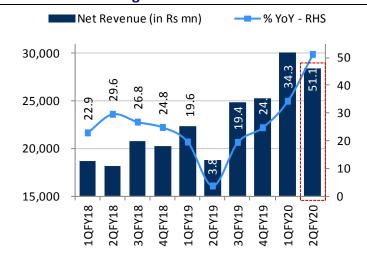
Source: Company, HDFC sec Inst Research

Yields increased 3% YoY



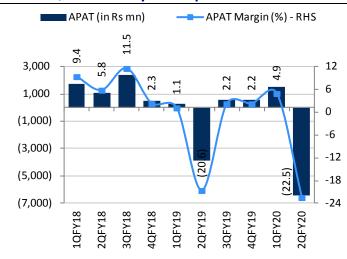
Source: Company, HDFC sec Inst Research

Revenue: 51% YoY growth



Source: Company, HDFC sec Inst Research

Profit: 2Q is seasonally weak quarter





Income Statement

Year ending March (Rs mn)	FY18	FY19	FY20E	FY21E	FY22E
Net Revenues	77,557	91,133	123,940	150,320	168,393
Growth (%)	25.3	17.5	36.0	21.3	12.0
Aircraft Fuel	24,326	34,453	44,518	53,083	59,051
Employee Expenses	8,626	10,570	14,377	18,038	20,207
Other Operating Expenses	26,709	33,242	47,097	53,514	59,948
EBITDAR	17,896	12,868	17,948	25,685	29,186
EBITDAR Margin (%)	23.1	14.1	14.5	17.1	17.3
EBITDAR Growth (%)	19.0	(28.1)	39.5	43.1	13.6
Aircraft and engine rentals (net)	10,322	12,967	2,659	3,057	3,363
EBITDA	7,575	(99)	15,289	22,628	25,823
EBITDA Margin (%)	9.8	(0.1)	12.3	15.1	15.3
EBITDA Growth (%)	39.4	(101.3)	(15,562.5)	48.0	14.1
Depreciation	2,312	2,562	16,015	17,617	19,378
EBIT	5,263	(2,661)	(726)	5,011	6,445
Other Income (Incl. EO Items)	795	(52)	4,364	1,749	2,098
Interest	391	448	5,547	6,102	6,712
PBT	5,667	(3,161)	(1,909)	658	1,831
Tax (Incl Deferred)	-	-	-	-	-
RPAT	5,667	(3,161)	(1,909)	658	1,831
EO (Loss) / Profit (Net Of Tax)	-	(635)	2,907	-	-
APAT	5,667	(2,526)	(4,816)	658	1,831
APAT Growth (%)	44.5	(144.6)	90.6	(113.7)	178.5
Adjusted EPS (Rs)	9.4	(4.2)	(8.0)	1.1	3.1
EPS Growth (%)	44.5	(144.6)	90.6	(113.7)	178.5

Source: Company, HDFC sec Inst Research

Balance Sheet

Year ending March (Rs mn)	FY18	FY19	FY20E	FY21E	FY22E
	LITO	F113	F1ZUE	FIZIC	FIZZE
SOURCES OF FUNDS					
Share Capital - Equity	5,995	5,997	5,997	5,997	5,997
Reserves	(6,424)	(9,504)	(11,413)	(10,755)	(8,924)
Total Shareholders Funds	(430)	(3,507)	(5,416)	(4,758)	(2,927)
Total Debt	10,084	9,746	90,912	96,787	99,794
Other Long Term Liabilities	617	5,298	5,828	6,411	7,052
Long Term Provisions	2,499	4,290	4,719	5,191	5,710
TOTAL SOURCES OF FUNDS	12,771	15,827	96,043	103,630	109,629
APPLICATION OF FUNDS					
Net Block	15,977	16,038	101,183	102,421	104,725
Investments	1,013	4	5	6	6
LT Loans & Advances	9,330	11,677	12,844	14,771	16,248
Other non-current assets	5,785	6,614	7,275	8,367	9,203
Total Non-current Assets	32,105	34,333	121,308	125,564	130,183
Inventories	1,244	1,373	1,698	2,059	2,307
Debtors	852	1,353	1,460	1,771	1,984
Cash & Equivalents	1,458	779	1,884	11,041	16,466
Other Current Assets	4,658	10,113	12,305	14,520	16,117
Total Current Assets	8,211	13,618	17,347	29,392	36,873
Creditors	7,033	10,591	14,383	17,435	19,529
Other Current Liabilities & Provns	20,512	21,533	28,229	33,891	37,897
Total Current Liabilities	27,545	32,124	42,612	51,326	57,427
Net Current Assets	(19,334)	(18,506)	(25,265)	(21,934)	(20,554)
TOTAL APPLICATION OF FUNDS	12,771	15,827	96,043	103,630	109,629



Cash Flow Statement

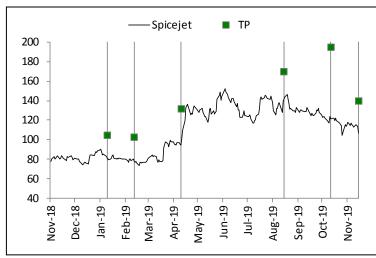
Year ending March (Rs mn)	FY18	FY19	FY20E	FY21E	FY22E
Reported PBT	5,667	(3,161)	(1,909)	658	1,831
Non-operating & EO items	(795)	52	(4,364)	(1,749)	(2,098)
Interest expenses	391	448	5,547	6,102	6,712
Depreciation	2,312	2,562	16,015	17,617	19,378
Working Capital Change	3,288	(1,508)	7,864	5,827	4,044
Tax Paid	-	-	-	-	-
OPERATING CASH FLOW (a)	10,863	(1,606)	23,153	28,454	29,867
Capex	(2,091)	(2,623)	(101,161)	(18,854)	(21,682)
Free cash flow (FCF)	8,772	(4,229)	(78,008)	9,600	8,185
Investments	(8,187)	4,305	(871)	(1,964)	(1,154)
Non-operating Income	795	(52)	4,364	1,749	2,098
INVESTING CASH FLOW (b)	(9,483)	1,630	(97,667)	(19,069)	(20,738)
Debt Issuance/(Repaid)	(198)	(338)	81,166	5,875	3,007
Interest Expenses	(391)	(448)	(5,547)	(6,102)	(6,712)
FCFE	8,182	(5,015)	(2,389)	9,373	4,480
Share Capital Issuance	(5)	84	(0)	0	-
Dividend	-	-	-	-	-
FINANCING CASH FLOW (c)	(595)	(703)	75,619	(227)	(3,705)
NET CASH FLOW (a+b+c)	784	(679)	1,105	9,158	5,424
Closing Cash & Equivalents	1,458	779	1,884	11,041	16,466

Source: Company, HDFC sec Inst Research

Key Ratios

Key Ratios					
	FY18	FY19	FY20E	FY21E	FY22E
PROFITABILITY (%)					
GPM	68.6	62.2	64.1	64.7	64.9
EBITDAR Margin	23.1	14.1	14.5	17.1	17.3
EBITDA Margin	9.8	(0.1)	12.3	15.1	15.3
APAT Margin	7.3	(2.8)	(3.9)	0.4	1.1
RoE	NA	NA	NA	NA	NA
RoIC (or Core RoCE)	57.9	(20.2)	(1.3)	5.4	6.9
RoCE	51.8	(18.6)	(1.3)	5.0	6.0
EFFICIENCY					
Tax Rate (%)	-	-	-	-	-
Fixed Asset Turnover (x)	4.9	5.7	1.2	1.5	1.6
Inventory (days)	5.9	5.5	5.0	5.0	5.0
Debtors (days)	4.0	5.4	4.3	4.3	4.3
Other Current Assets (days)	21.9	40.5	36.2	35.3	34.9
Payables (days)	33.1	42.4	42.4	42.3	42.3
Other Current Liab (days)	96.5	86.2	83.1	82.3	82.1
Cash Conversion Cycle (days)	(97.9)	(77.2)	(80.0)	(80.1)	(80.2)
Debt/EBITDA (x)	10.7	(1,008.7)	7.0	4.7	4.1
Net D/E (x)	(188.3)	(28.4)	(19.9)	(22.5)	(36.5)
Interest Coverage (x)	13.4	(5.9)	(0.1)	0.8	1.0
PER SHARE DATA (Rs)					
EPS	9.4	(4.2)	(8.0)	1.1	3.1
CEPS	13.3	(1.0)	23.5	30.5	35.4
Dividend	-	-	-	-	-
Book Value	(0.7)	(5.8)	(9.0)	(7.9)	(4.9)
VALUATION					
P/E (x)	11.3	(25.4)	(13.3)	97.6	35.0
P/BV (x)	(149.4)	(18.3)	(11.8)	(13.5)	(21.9)
EV/EBITDA (x)	19.1	(1,657.6)	11.2	7.6	6.6
EV/EBITDAR (x)	8.1	12.7	9.6	6.7	5.9
EV/Revenues (x)	1.9	1.8	1.4	1.1	1.0
OCF/EV (%)	7.5	(1.0)	13.5	16.6	17.5
FCF/EV (%)	6.0	(2.6)	(45.4)	5.6	4.8
FCFE/Mkt Cap (%)	12.8	(7.8)	(3.7)	14.6	7.0
Dividend Yield (%)	-	-	-	-	-

RECOMMENDATION HISTORY



Date	CMP	Reco	Target
9-Jan-19	83	BUY	105
12-Feb-19	80	BUY	103
10-Apr-19	124	BUY	132
16-Aug-19	139	BUY	170
11-Oct-19	121	BUY	195
14-Nov-19	107	BUY	140

Rating Definitions

BUY : Where the stock is expected to deliver more than 10% returns over the next 12 month period NEUTRAL : Where the stock is expected to deliver (-)10% to 10% returns over the next 12 month period : Where the stock is expected to deliver less than (-)10% returns over the next 12 month period

HDFC securities Institutional Equities

Unit No. 1602, 16th Floor, Tower A, Peninsula Business Park, Senapati Bapat Marg, Lower Parel, Mumbai - 400 013

Board: +91-22-6171 7330 www.hdfcsec.com



INSTITUTIONAL RESEARCH

Disclosure:

We, Aditya Makharia, CA & Mansi Lall, MBA, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. HSL has no material adverse disciplinary history as on the date of publication of this report. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report.

Research Analyst or his/her relative or HDFC Securities Ltd. does not have any financial interest in the subject company. Also Research Analyst or his relative or HDFC Securities Ltd. or its Associate may have beneficial ownership of 1% or more in the subject company at the end of the month immediately preceding the date of publication of the Research Report. Further Research Analyst or his relative or HDFC Securities Ltd. or its associate does not have any material conflict of interest.

Any holding in stock -YES

HDFC Securities Limited (HSL) is a SEBI Registered Research Analyst having registration no. INH000002475.

Disclaimer:

This report has been prepared by HDFC Securities Ltd and is solely for information of the recipient only. The report must not be used as a singular basis of any investment decision. The views herein are of a general nature and do not consider the risk appetite or the particular circumstances of an individual investor; readers are requested to take professional advice before investing. Nothing in this document should be construed as investment advice. Each recipient of this document should make such investigations as they deem necessary to arrive at an independent evaluation of an investment in securities of the companies referred to in this document (including merits and risks) and should consult their own advisors to determine merits and risks of such investment. The information and opinions contained herein have been compiled or arrived at, based upon information obtained in good faith from 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. Descriptions of any company or companies or their securities mentioned herein are not intended to be complete. HSL is not obliged to update this report for such changes. HSL has the right to make changes and modifications at any time.

This report is not directed to, or intended for display, downloading, printing, reproducing or for distribution to or use by, any person or entity who is a citizen or resident or located in any locality, state, country or other jurisdiction where such distribution, publication, reproduction, availability or use would be contrary to law or regulation or what would subject HSL or its affiliates to any registration or licensing requirement within such jurisdiction.

If this report is inadvertently sent or has reached any person in such country, especially, United States of America, the same should be ignored and brought to the attention of the sender. This document may not be reproduced, distributed or published in whole or in part, directly or indirectly, for any purposes or in any manner.

Foreign currencies denominated securities, wherever mentioned, are subject to exchange rate fluctuations, which could have an adverse effect on their value or price, or the income derived from them. In addition, investors in securities such as ADRs, the values of which are influenced by foreign currencies effectively assume currency risk. It should not be considered to be taken as an offer to sell or a solicitation to buy any security.

This document is not, and should not, be construed as an offer or solicitation of an offer, to buy or sell any securities or other financial instruments. This report should not be construed as an invitation or solicitation to do business with HSL. HSL may from time to time solicit from, or perform broking, or other services for, any company mentioned in this mail and/or its attachments.

HSL and its affiliated company(ies), their directors and employees may; (a) from time to time, have a long or short position in, and buy or sell the securities of the company(ies) 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 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.

HSL, its directors, analysts or employees do not take any responsibility, financial or otherwise, of the losses or the damages sustained due to the investments made or any action taken on basis of this report, including but not restricted to, fluctuation in the prices of shares and bonds, changes in the currency rates, diminution in the NAVs, reduction in the dividend or income, etc.

HSL and other group companies, its directors, associates, employees may have various positions in any of the stocks, securities and financial instruments dealt in the report, or may make sell or purchase or other deals in these securities from time to time or may deal in other securities of the companies / organizations described in this report.

HSL or its associates might have managed or co-managed public offering of securities for the subject company or might have been mandated by the subject company for any other assignment in the past twelve months.

HSL or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from t date of this report for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory service in a merger or specific transaction in the normal course of business.

HSL or its analysts did not receive any compensation or other benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither HSL nor Research Analysts have any material conflict of interest at the time of publication of this report. Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. HSL may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report.

Research entity has not been engaged in market making activity for the subject company. Research analyst has not served as an officer, director or employee of the subject company. We have not received any compensation/benefits from the subject company or third party in connection with the Research Report.

HDFC securities Limited, I Think Techno Campus, Building - B, "Alpha", Office Floor 8, Near Kanjurmarg Station, Opp. Crompton Greaves, Kanjurmarg (East), Mumbai 400 042 Phone: (022) 3075 3400 Fax: (022) 2496 5066

Compliance Officer: Binkle R. Oza Email: complianceofficer@hdfcsec.com Phone: (022) 3045 3600

HDFC Securities Limited, SEBI Reg. No.: NSE, BSE, MSEI, MCX: INZO00186937; AMFI Reg. No. ARN: 13549; PFRDA Reg. No. POP: 11092018; IRDA Corporate Agent License No.: CA0062; SEBI Research Analyst Reg.

No.: INH000002475; SEBI Investment Adviser Reg. No.: INA000011538; CIN - U67120MH2000PLC152193

Mutual Funds Investments are subject to market risk. Please read the offer and scheme related documents carefully before investing.