



WILLIAM
O'NEIL+CO.

Global Laggards

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Overview

In 1963, we began profiling the characteristics of top-performing stocks prior to their outstanding runs in market cycles dating back to the 1880s. Through our decades of research, we have produced powerful proprietary Ratings and Rankings that help identify leading and lagging stocks. These metrics form the foundation of our O'Neil Methodology (OM) and our evaluation services.

Our Global Laggards list comprises stocks that have poor O'Neil Ratings and Rankings. This list has been curated by our sector analysts to find stocks showing technical weakness. We believe these stocks are laggards relative to their own domestic markets. We recommend that they be underweighted as they may be vulnerable to further downside risk and underperformance.

Criteria used to build the list include:

- Our proprietary Relative Strength Rating gauges the market's top performers by looking at a stock's price change relative to all stocks within a country. The rating is calculated over 12 months, with higher weighting for more recent months. Stocks are ranked in order of greatest percentage price change and assigned a rank from 99 (best) to 1 (worst). Stocks on this list will usually show a low or declining RS Rating.
- Our proprietary Accumulation/Distribution Rating shows where money is flowing by tracking the relative degree of institutional buying and selling over the prior 13 weeks. It is a technical rating based on price and volume statistics, where A = best and E = worst. Stocks on this list will usually have a low or falling Accumulation/Distribution Rating, indicating institutional selling.
- Our unique Negative Alerts Score uses 11 monitoring characteristics to detect a stock's decline, allowing you to act early on weakening holdings. Stocks on this list will usually have multiple alerts, indicating a possible breakdown.

Stocks in the table below are believed by our analysts to warrant greater attention due to their vulnerability.

United States Highlighted Stocks

Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
MT	Arcelor Mittal	Basic Material	Steel-Producers	17,895	37,630	0.9%	5	17	20	D+
KWR	Quaker Houghton	Basic Material	Chemicals-Specialty	2,870	15,977	7.1%	7	79	21	E
B	Barnes Group Inc	Capital Equipment	Metal Proc & Fabrication	1,769	10,745	3.0%	5	23	31	E
STLA	Stellantis N V	Consumer Cyclical	Auto Manufacturers	46,470	1,16,534	0.7%	7	53	11	E
MIDD	Middleby Corp	Consumer Cyclical	Hsehold-Appliances/Wares	6,956	80,092	6.1%	5	60	28	D+
PVH	P V H Corp	Consumer Cyclical	Apparel-Clothing Mfg	5,208	73,783	3.8%	6	96	19	D+
COP	Conocophillips	Energy	Oil&Gas-Intl Expl&Prod	1,19,051	5,78,126	1.8%	4	81	22	E
CG	The Carlyle Group Inc	Financial	Finance-Investment Mgmt	13,487	87,157	6.2%	5	45	31	D
JAZZ	Jazz Pharmaceuticals Plc	Health Care	Medical-Ethical Drugs	6,501	70,521	3.2%	6	65	21	D
KAR	Openlane	Retail	Retail/Whlsle-Automobile	1,737	10,816	3.5%	3	39	34	D-
AMAT	Applied Materials Inc	Technology	Elec-Semiconductor Equip	1,50,193	12,74,451	1.8%	6	90	34	D-
TME	Tencent Music EntGrp ADS	Technology	Internet-Content	8,366	87,591	4.3%	7	88	32	E

Developed Markets Highlighted Stocks

Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
STN.CA	Stantec	Canada	Capital Equipment	Bldg-Heavy Construction	8,801	18,036	4	96	50	E
DOO.CA	Brp	Canada	Consumer Cyclical	Leisure-Products	2,095	10,348	3	53	45	E
RMS.FR	Hermes Intl.	France	Consumer Cyclical	Apparel-Clothing Mfg	2,21,516	1,20,386	6	91	29	E
OR@F.FR	L'Oreal	France	Consumer Staple	Cosmetics/Personal Care	2,16,777	1,30,760	6	89	19	E
BOSI.HK	Bosideng Intl.Holdings	Hong Kong	Retail	Retail-Apparel/Shoes/Acc	5,110	12,091	5	99	65	C-
IM@N.JP	Isuzu Motors	Japan	Consumer Cyclical	Auto Manufacturers	10,589	34,873	6	61	64	D-
NX@N.JP	Nippon Express Holdings Inc	Japan	Transportation	Transportation-Logistics	4,491	33,059	5	14	38	D+
SHEL.GB	Shell (Lon)	United Kingdom	Energy	Oil&Gas-Integrated	2,04,072	3,00,036	6	92	26	E

Emerging Markets Highlighted Stocks

Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
HOF.TW	Hotai Finance	Taiwan	Financial	Finance-Consumer Loans	1,793	2,035	5	50	15	E
SYX.TW	Synnex Tech.Intl.	Taiwan	Technology	Computer-Hardware/Perip	3,633	10,162	5	67	36	E
APS.TW	Qisda	Taiwan	Technology	Computer-Hardware/Perip	2,212	11,182	4	24	20	C-

U.S. Market

Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
FCX	Freeport McMoRan Inc	Basic Material	Mining-Metal Ores	60,276	4,61,123	1.5%	7	81	27	D
NUE	Nucor Corp	Basic Material	Steel-Producers	32,848	1,94,903	1.9%	7	60	18	E
MLM	Martin Marietta Materls	Basic Material	Bldg-Cement/Concrt/Ag	31,639	2,58,821	2.2%	7	87	31	E
VMC	Vulcan Materials Co	Basic Material	Bldg-Cement/Concrt/Ag	31,038	2,17,412	1.4%	7	30	31	E
PPG	P P G Industries	Basic Material	Chemicals-Paints	28,982	1,83,443	1.2%	7	73	25	D
MT	Arcelor Mittal	Basic Material	Steel-Producers	17,895	37,630	0.9%	5	17	20	D+
CCJ	Cameco Corp	Basic Material	Mining-Metal Ores	17,516	1,61,391	3.8%	9	41	22	C-
WLK	Westlake Corporation	Basic Material	Chemicals-Basic	17,490	60,200	3.5%	5	64	31	D
STLD	Steel Dynamics Inc	Basic Material	Steel-Producers	16,770	1,35,233	3.4%	7	63	26	D
BG	Bunge Global	Basic Material	Agricultural Operations	13,519	1,10,755	2.6%	6	60	25	D-
CE	Celanese Corp	Basic Material	Chemicals-Basic	13,090	1,02,112	4.5%	6	59	18	E
SUZ	Suzano S A Adr	Basic Material	Paper & Paper Products	12,877	16,652	0.4%	4	24	31	C
GFI	Gold Fields Ltd Adr	Basic Material	Mining-Gold/Silver/Gems	12,346	45,425	1.0%	5	54	25	C-
MOS	Mosaic Company	Basic Material	Chemicals-Agricultural	7,947	84,427	1.7%	3	43	14	E
UFPI	U F P Packaging Llc	Basic Material	Bldg-Wood Prds	7,000	29,188	1.3%	3	73	37	D
SUM	Summit Materials Cl A	Basic Material	Bldg-Cement/Concrt/Ag	6,421	34,388	2.8%	6	81	31	D+
AA	Alcoa Corporation	Basic Material	Mining-Metal Ores	5,529	1,82,928	6.4%	6	32	26	D
SQM	Sociedad Quimica Y Minra	Basic Material	Chemicals-Agricultural	5,484	40,239	5.2%	4	41	14	D
OLN	Olin Corp	Basic Material	Chemicals-Specialty	4,816	52,005	2.9%	5	12	15	E
BCC	Boise Cascade Company	Basic Material	Bldg-Wood Prds	4,764	35,150	3.7%	5	76	45	D-
ASH	Ashland Inc	Basic Material	Chemicals-Specialty	4,092	32,793	2.2%	6	83	25	C
BVN	Buenaventura Mining Ads	Basic Material	Mining-Gold/Silver/Gems	3,116	12,491	2.6%	5	53	28	D-
NXE	Nexgen Energy Ltd	Basic Material	Mining-Metal Ores	3,096	25,587	10.2%	7	20	19	C-
KWR	Quaker Houghton	Basic Material	Chemicals-Specialty	2,870	15,977	7.1%	7	79	21	E
AIN	Albany Intl Corp Cl A	Basic Material	Paper & Paper Products	2,639	11,705	1.1%	5	51	28	C-
MEOH	Methanex Corp	Basic Material	Chemicals-Specialty	2,475	12,068	1.0%	7	22	15	D-
CSTM	Constellium Se	Basic Material	Steel-Specialty Alloys	2,409	19,311	2.1%	7	55	19	E
MTX	Minerals Technologies	Basic Material	Chemicals-Specialty	2,289	11,491	1.0%	5	91	41	C-
UEC	Uranium Energy Corp	Basic Material	Mining-Metal Ores	2,124	34,687	12.9%	8	6	21	D-
AG	First Majestic Silver	Basic Material	Mining-Gold/Silver/Gems	1,570	33,828	6.0%	4	3	21	C-
DNN	Denison Mines Corp	Basic Material	Mining-Metal Ores	1,434	26,329	5.0%	8	5	20	D-
BA	Boeing Co	Capital Equipment	Aerospace/Defense	99,086	9,95,342	2.0%	4	9	16	C
ITW	Illinois Tool Works Inc	Capital Equipment	Machinery-Gen Industrial	72,966	2,30,667	2.0%	5	71	37	C
RTO	Rentokil Initial Plc Ads	Capital Equipment	Comml Svcs-Outsourcing	60,714	14,848	0.1%	4	29	16	E
PCAR	Paccar Inc	Capital Equipment	Trucks & Parts-Hvy Duty	49,316	2,73,862	2.7%	9	70	26	E

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OTIS	Otis Worldwide Corp	Capital Equipment	Machinery-Gen Industrial	36,819	1,89,595	1.4%	5	89	37	D+
ROK	Rockwell Automation Inc	Capital Equipment	Electrical-Power/Equipmt	28,879	1,80,180	2.4%	5	55	26	D-
FTV	Fortive Corporation	Capital Equipment	Machinery-Gen Industrial	25,183	1,68,317	0.8%	6	87	30	C-
RS	Reliance Inc	Capital Equipment	Metal Proc & Fabrication	15,071	98,898	2.1%	7	62	31	C+
IEX	Ilex Corp	Capital Equipment	Machinery-Gen Industrial	14,795	99,472	1.2%	5	64	25	D-
NVT	Nvent Electric Plc	Capital Equipment	Electrical-Power/Equipmt	10,611	1,18,056	1.8%	8	87	28	E
RRX	Regal Rexnord Corp	Capital Equipment	Electrical-Power/Equipmt	9,928	66,980	1.6%	4	63	37	C-
LECO	Lincoln Electric Hldgs	Capital Equipment	Machinery-Tools & Rel	9,888	53,991	1.7%	6	79	21	E
WSC	WillScot Holdings CI A	Capital Equipment	Comml Svcs-Leasing	7,220	77,973	8.4%	5	81	26	D
AGCO	A G C O Corp	Capital Equipment	Machinery-Farm	6,612	78,027	5.0%	7	61	15	D
OSK	Oshkosh Corporation	Capital Equipment	Trucks & Parts-Hvy Duty	6,340	47,663	1.6%	7	82	24	E
CMC	Commercial Metals Co	Capital Equipment	Metal Proc & Fabrication	5,621	34,497	2.6%	4	53	30	D+
TKR	Timken Co	Capital Equipment	Metal Proc & Fabrication	5,508	36,792	2.4%	5	59	32	D
HXL	Hexcel Corp	Capital Equipment	Aerospace/Defense	4,955	47,559	1.6%	4	42	22	D-
VNT	Vontier Corporation	Capital Equipment	Machinery-Gen Industrial	4,914	27,838	3.2%	6	69	21	D
SEE	Sealed Air Corp	Capital Equipment	Containers/Packaging	4,827	49,749	3.7%	4	65	23	D-
AL	Air Lease Corp	Capital Equipment	Comml Svcs-Leasing	4,710	31,822	2.9%	5	15	32	E
FELE	Franklin Electric Co	Capital Equipment	Electrical-Power/Equipmt	4,338	15,673	1.8%	4	75	34	D-
ASGN	ASGN Incorporated	Capital Equipment	Comml Svcs-Staffing	3,985	29,346	3.5%	5	56	34	C
ENS	Energys	Capital Equipment	Electrical-Power/Equipmt	3,863	24,665	1.9%	5	80	30	D-
TEX	Terex Corp	Capital Equipment	Machinery-Constr/Mining	3,358	48,387	7.6%	7	79	23	D-
CBZ	C B I Z Inc	Capital Equipment	Comml Svcs-Consulting	3,292	23,301	3.1%	5	78	32	D+
NSP	Insperty Inc	Capital Equipment	Comml Svcs-Outsourcing	3,232	16,654	4.6%	4	81	19	D+
OTTR	Otter Tail Corp	Capital Equipment	Diversified Operations	3,185	15,650	9.1%	5	93	25	E
NPO	Enpro Inc	Capital Equipment	Machinery-Gen Industrial	3,073	12,111	1.8%	4	86	49	D-
JBT	John Bean Technologies	Capital Equipment	Machinery-Gen Industrial	2,710	22,614	5.3%	5	72	17	C
ALRM	Alarm.com Holdings Inc	Capital Equipment	Security/Sfty	2,667	20,539	5.5%	5	91	19	D
MGRC	Mcgrath Rentcorp	Capital Equipment	Comml Svcs-Leasing	2,549	12,284	3.2%	5	70	30	C-
ALG	Alamo Group Inc	Capital Equipment	Machinery-Farm	2,096	13,441	2.7%	7	69	27	D+
CMPR	Cimpress PLC	Capital Equipment	Comml Svcs-Documnt Mgmt	2,026	12,524	5.7%	2	76	41	D+
ROCK	Gibraltar Industries Inc	Capital Equipment	Metal Proc & Fabrication	2,020	11,842	1.1%	7	85	25	D-
HI	Hillenbrand Inc	Capital Equipment	Machinery-Gen Industrial	1,845	11,706	2.9%	7	50	7	E
GEO	Geo Group Inc	Capital Equipment	Security/Sfty	1,764	29,784	6.4%	3	35	87	C-
AMN	A M N Healthcare Svcs	Capital Equipment	Comml Svcs-Staffing	1,623	30,339	13.5%	3	44	10	D
HEES	H & E Equipment Svcs Inc	Capital Equipment	Comml Svcs-Leasing	1,547	12,668	3.0%	5	63	22	D-
GBX	Greenbrier Companies Inc	Capital Equipment	Transportation-Equip Mfg	1,414	15,683	6.0%	5	87	37	D
JB	Janus International Grp	Capital Equipment	Security/Sfty	1,403	24,868	14.3%	8	64	15	E

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CENX	Century Aluminum Co	Capital Equipment	Metal Proc & Fabrication	1,209	17,895	11.2%	4	20	88	C
UPWK	Upwork Inc	Capital Equipment	Comml Svcs-Staffing	1,205	23,087	9.7%	4	81	13	D+
ARLO	Arlo Technologies Inc	Capital Equipment	Security/Sfty	1,123	10,375	6.2%	3	80	30	D
TM	Toyota Motor Corp Adr	Consumer Cyclical	Auto Manufacturers	2,35,037	57,962	0.1%	9	82	20	D-
DIS	Walt Disney Company	Consumer Cyclical	Media-Diversified	1,60,684	9,54,783	1.3%	7	82	24	E
MAR	Marriott International	Consumer Cyclical	Leisure-Lodging	64,516	3,64,478	1.7%	8	90	37	E
ABNB	Airbnb Inc Cl A	Consumer Cyclical	Leisure-Travel Booking	50,904	5,62,928	3.1%	8	40	14	D
HMC	Honda Motor Co Ltd Adr	Consumer Cyclical	Auto Manufacturers	50,172	26,875	0.1%	4	52	27	C-
STLA	Stellantis N V	Consumer Cyclical	Auto Manufacturers	46,470	1,16,534	0.7%	7	53	11	E
FERG	Ferguson Enterprises Inc	Consumer Cyclical	Bldg-Constr Prds/Misc	38,172	2,19,281	1.0%	4	80	34	D
LVS	Las Vegas Sands Corp	Consumer Cyclical	Leisure-Gaming/Equip	28,677	2,37,357	2.7%	6	74	17	C
WBD	Warner Bros Dscvry Inc	Consumer Cyclical	Media-Radio/Tv	17,666	2,22,507	5.2%	3	9	13	D
APTIV	Aptiv Plc	Consumer Cyclical	Auto/Truck-Original Eqp	17,538	2,17,197	13.6%	4	86	15	C-
SNA	Snap On Inc	Consumer Cyclical	Bldg-Hand Tools	14,469	76,665	5.9%	6	77	41	D
OC	Owens Corning	Consumer Cyclical	Bldg-Constr Prds/Misc	13,829	1,11,658	2.0%	5	94	37	E
BLD	Topbuild Corp	Consumer Cyclical	Bldg-Constr Prds/Misc	11,051	1,13,933	2.6%	6	90	45	D+
WMS	Advanced Drainage Systms	Consumer Cyclical	Bldg-Constr Prds/Misc	11,023	76,337	2.2%	7	88	31	E
MGM	M G M Resorts Intl	Consumer Cyclical	Leisure-Gaming/Equip	10,668	1,59,744	6.0%	6	77	19	D-
EDU	New Orientl Edu&Tech Ads	Consumer Cyclical	Consumer Svcs-Education	9,965	1,22,545	3.9%	8	24	15	D
BIRK	Birkenstock Holding Ltd	Consumer Cyclical	Apparel-Shoes & Rel Mfg	8,509	57,219	2.6%	7	89	23	E
TPX	Tempur Sealy Intl Inc	Consumer Cyclical	Hsehold/Office Furniture	8,453	74,871	6.4%	4	79	32	C
TTC	Toro Co	Consumer Cyclical	Bldg-Hand Tools	8,428	70,224	6.4%	4	83	25	C
WYNN	Wynn Resorts Ltd	Consumer Cyclical	Leisure-Gaming/Equip	8,347	1,73,316	4.8%	5	76	16	D-
CNM	Core & Main Inc Cl A	Consumer Cyclical	Bldg-Constr Prds/Misc	7,561	96,790	4.6%	7	77	26	E
ALV	Autoliv Inc	Consumer Cyclical	Auto/Truck-Original Eqp	7,453	76,421	3.5%	8	78	19	D+
SSD	Simpson Manufacturing	Consumer Cyclical	Bldg-Constr Prds/Misc	7,288	38,677	2.3%	6	74	37	C
BWA	Borgwarner Inc	Consumer Cyclical	Auto/Truck-Original Eqp	7,175	78,458	4.1%	4	79	24	D
MIDD	Middleby Corp	Consumer Cyclical	Hsehold-Appliances/Wares	6,956	80,092	6.1%	5	60	28	D+
TREX	Trex Company Inc	Consumer Cyclical	Bldg-Constr Prds/Misc	6,935	76,578	4.6%	7	91	15	C
GNTX	Gentex Corp	Consumer Cyclical	Auto/Truck-Original Eqp	6,690	39,565	2.1%	9	53	20	D
PARA	Paramount Global Cl B	Consumer Cyclical	Media-Diversified	6,267	1,18,658	8.9%	5	79	16	C
LEA	Lear Corporation	Consumer Cyclical	Auto/Truck-Original Eqp	5,765	62,947	4.1%	4	62	15	D-
WTS	Watts Water Technologies	Consumer Cyclical	Bldg-Constr Prds/Misc	5,230	31,501	4.9%	7	91	34	E
PVH	P V H Corp	Consumer Cyclical	Apparel-Clothing Mfg	5,208	73,783	3.8%	6	96	19	D+
FUN	Six Flags Entertainment	Consumer Cyclical	Leisure-Services	4,009	84,248	10.0%	6	9	24	E
WMG	Warner Music Group Cl A	Consumer Cyclical	Leisure-Services	4,009	55,511	8.0%	4	65	21	C-
GOLF	Acushnet Holdings Corp	Consumer Cyclical	Leisure-Products	3,883	18,217	19.7%	5	75	45	D

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HGV	Hilton Grand Vacations	Consumer Cyclical	Leisure-Services	3,620	29,361	6.2%	4	77	18	E
GMS	G M S Inc	Consumer Cyclical	Bldg-Constr Prds/Misc	3,276	29,084	3.2%	4	71	45	D+
YETI	Yeti Holdings Inc	Consumer Cyclical	Leisure-Products	3,161	58,925	8.1%	4	96	19	D+
PRKS	United Parks & Resorts	Consumer Cyclical	Leisure-Services	3,119	54,996	9.5%	5	80	31	D
QS	QuantumScape Corp Cl A	Consumer Cyclical	Auto/Truck-Original Eqp	2,585	64,591	15.7%	4	28	30	D+
VC	Visteon Corporation	Consumer Cyclical	Auto/Truck-Original Eqp	2,475	23,993	2.9%	5	98	14	D+
MLCO	Melco Resorts & Ent Ads	Consumer Cyclical	Leisure-Gaming/Equip	2,371	19,877	4.4%	6	81	9	C
GT	Goodyear Tire & Rubber	Consumer Cyclical	Auto/Truck-Tires & Misc	2,151	42,005	6.4%	5	81	7	D-
ADNT	Adient Plc	Consumer Cyclical	Auto/Truck-Original Eqp	1,726	26,820	4.9%	5	29	8	C
MODG	Topgolf Callaway Brands	Consumer Cyclical	Leisure-Products	1,685	27,802	10.8%	5	35	7	E
TLRY	Tilray Brands Inc Cl 2	Consumer Cyclical	Consumer Prod-Specialty	1,446	35,571	12.2%	3	54	22	D
UA	Under Armour Inc Cl C	Consumer Cyclical	Apparel-Clothing Mfg	1,369	18,362	6.1%	4	21	24	E
SONO	Sonos Inc	Consumer Cyclical	Consumer Prod-Electronic	1,335	23,280	10.2%	6	44	10	E
UAA	Under Armour Inc Cl A	Consumer Cyclical	Apparel-Clothing Mfg	1,302	91,785	16.0%	4	21	24	D+
AMWD	American Woodmark Corp	Consumer Cyclical	Bldg-Constr Prds/Misc	1,291	14,039	4.1%	9	30	32	C-
OXM	Oxford Industries Inc	Consumer Cyclical	Apparel-Clothing Mfg	1,262	21,718	17.4%	6	65	18	C
NX	Quanex Building Products	Consumer Cyclical	Bldg-Constr Prds/Misc	1,252	18,213	3.9%	9	72	18	D+
SABR	Sabre Corporation	Consumer Cyclical	Leisure-Travel Booking	1,146	10,071	6.2%	4	61	32	C-
DEO	Diageo Plc Ads	Consumer Staple	Beverages-Alcoholic	74,008	1,14,068	0.2%	5	60	23	E
ADM	Archer Daniels Midland	Consumer Staple	Food-Grain & Related	28,043	1,60,669	1.9%	3	56	23	D-
EL	Estee Lauder Cos Cl A	Consumer Staple	Cosmetics/Personal Care	19,435	3,19,672	1.8%	6	81	8	E
SJM	J M Smucker Co	Consumer Staple	Food-Packaged	12,462	1,29,674	3.4%	4	69	34	C
TAP	Molson Coors Bev Cl B	Consumer Staple	Beverages-Alcoholic	10,337	1,04,907	5.1%	3	84	25	D+
LW	Lamb Weston Holdings Inc	Consumer Staple	Food-Packaged	9,033	2,13,702	4.9%	7	48	9	C
ELF	E L F Beauty Inc	Consumer Staple	Cosmetics/Personal Care	6,297	2,30,784	7.3%	7	90	10	E
LANC	Lancaster Colony Corp	Consumer Staple	Food-Packaged	4,794	24,559	3.3%	5	84	30	C-
SAM	Boston Beer Company	Consumer Staple	Beverages-Alcoholic	2,624	32,162	3.3%	3	41	18	D-
ODD	Oddity Tech Ltd Class A	Consumer Staple	Cosmetics/Personal Care	1,898	12,864	25.8%	5	99	15	E
EPC	Edgewell Personal Care	Consumer Staple	Cosmetics/Personal Care	1,805	15,539	4.9%	4	84	30	D
XOM	Exxon Mobil Corp	Energy	Oil&Gas-Integrated	4,90,399	14,74,198	1.0%	2	82	41	D-
COP	Conocophillips	Energy	Oil&Gas-Intl Expl&Prod	1,19,051	5,78,126	1.8%	4	81	22	E
EOG	E O G Resources Inc	Energy	Oil&Gas-U S Expl&Prod	66,628	3,35,095	2.1%	5	92	30	E
SLB	SLB	Energy	Oil&Gas-Field Services	56,673	3,45,122	2.7%	5	93	15	E
MPC	Marathon Petroleum	Energy	Oil&Gas-Refining/Mktg	53,146	3,83,709	2.4%	5	12	30	D
PSX	Phillips 66	Energy	Oil&Gas-Refining/Mktg	52,434	2,97,775	1.7%	6	55	26	E
OXY	Occidental Petroleum	Energy	Oil&Gas-Intl Expl&Prod	45,824	4,93,788	3.5%	5	86	17	E
VLO	Valero Energy Corp	Energy	Oil&Gas-Refining/Mktg	42,547	3,50,457	4.1%	5	9	25	D-

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CVE	Cenovus Energy Inc	Energy	Oil&Gas-Integrated	30,282	1,14,236	0.7%	4	74	20	E
HAL	Halliburton Co	Energy	Oil&Gas-Field Services	24,450	2,26,951	2.9%	6	81	14	E
CTRA	Coterra Energy Inc	Energy	Oil&Gas-U S Expl&Prod	16,663	1,25,851	1.9%	5	58	19	E
MRO	Marathon Oil Corporation	Energy	Oil&Gas-Integrated	14,449	1,45,520	1.8%	4	90	32	E
EQT	E Q T Corp	Energy	Oil&Gas-Integrated	14,114	2,75,866	4.7%	3	78	19	D-
OVV	Ovintiv Inc	Energy	Oil&Gas-Intl Expl&Prod	10,268	1,03,359	2.3%	6	87	17	D-
CHK	Chesapeake Energy Corp	Energy	Oil&Gas-U S Expl&Prod	9,365	1,38,753	14.6%	5	7	19	E
CHRD	Chord Energy Corporation	Energy	Oil&Gas-U S Expl&Prod	8,138	1,00,455	4.6%	6	68	16	E
AR	Antero Resources Corp	Energy	Oil&Gas-U S Expl&Prod	8,092	90,532	2.8%	6	20	28	E
PR	Permian Resources Cp CIA	Energy	Oil&Gas-U S Expl&Prod	7,507	1,21,254	6.1%	6	74	21	D-
RRC	Range Resources Corp	Energy	Oil&Gas-U S Expl&Prod	6,914	57,765	4.8%	6	90	20	E
SWN	Southwestern Energy Co	Energy	Oil&Gas-U S Expl&Prod	6,745	1,23,231	3.2%	7	53	24	E
WFRD	Weatherford Intl plc	Energy	Oil&Gas-Machinery/Equip	6,582	79,537	1.5%	8	77	19	E
NOV	N O V Inc	Energy	Oil&Gas-Machinery/Equip	6,260	50,665	3.2%	4	49	18	E
MTDR	Matador Resources Co	Energy	Oil&Gas-U S Expl&Prod	6,107	72,478	7.2%	5	96	17	E
CHX	Championx Corporation	Energy	Oil&Gas-Drilling	5,385	44,506	3.4%	5	89	20	C-
MUR	Murphy Oil Corp	Energy	Oil&Gas-Intl Expl&Prod	5,102	54,352	6.8%	5	76	16	D-
CIVI	Civitas Resources Inc	Energy	Oil&Gas-U S Expl&Prod	5,050	59,318	3.3%	5	91	13	E
NXT	Nextacker Inc Class A	Energy	Energy-Solar	5,023	1,08,812	13.9%	8	98	10	E
GTLS	Chart Industries Inc	Energy	Oil&Gas-Machinery/Equip	4,701	76,821	16.0%	4	91	13	D+
SM	S M Energy Co	Energy	Oil&Gas-U S Expl&Prod	4,405	68,390	9.7%	4	94	23	E
MGY	Magnolia O&G Corp CI A	Energy	Oil&Gas-U S Expl&Prod	4,348	46,474	16.1%	5	86	34	E
PBF	P B F Energy Inc CI A	Energy	Oil&Gas-Refining/Mktg	3,657	70,957	11.3%	5	5	9	E
TDW	Tidewater Inc	Energy	Oil&Gas-Field Services	3,637	55,755	10.3%	4	81	20	E
CRC	California Resources	Energy	Oil&Gas-U S Expl&Prod	3,257	34,679	8.0%	4	68	27	C
LBRT	Liberty Energy Inc CI A	Energy	Oil&Gas-Field Services	3,118	39,353	10.8%	5	11	26	D-
HP	Helmerich & Payne Inc	Energy	Oil&Gas-Drilling	3,001	48,201	16.7%	7	15	16	E
HCC	Warrior Met Coal Inc	Energy	Energy-Coal	2,790	38,318	8.9%	7	64	26	D
SDRL	Seadrill Ltd	Energy	Oil&Gas-Drilling	2,768	32,405	8.5%	8	55	14	E
BTU	Peabody Energy Corp	Energy	Energy-Coal	2,641	50,355	13.7%	5	31	21	D+
GPOR	Gulfport Energy Corp	Energy	Oil&Gas-U S Expl&Prod	2,582	30,360	4.3%	7	64	41	D
BTE	Baytex Energy Corp	Energy	Oil&Gas-Cdn Expl&Prod	2,471	32,115	4.8%	4	6	20	E
INSW	International Seaways	Energy	Oil&Gas-Transprt/Pipeline	2,430	29,103	1.6%	6	17	31	E
BE	Bloom Energy Corp CI A	Energy	Energy-Alternative/Other	2,356	55,606	21.0%	4	48	15	D-
ARCH	Arch Resources Inc	Energy	Energy-Coal	2,242	53,566	5.9%	6	42	14	D-
AESI	Atlas Energy Sol CI A	Energy	Oil&Gas-Field Services	2,203	14,477	12.5%	4	6	30	D
XPRO	Expro Group Holdings NV	Energy	Oil&Gas-Field Services	2,133	19,311	6.4%	5	79	23	D

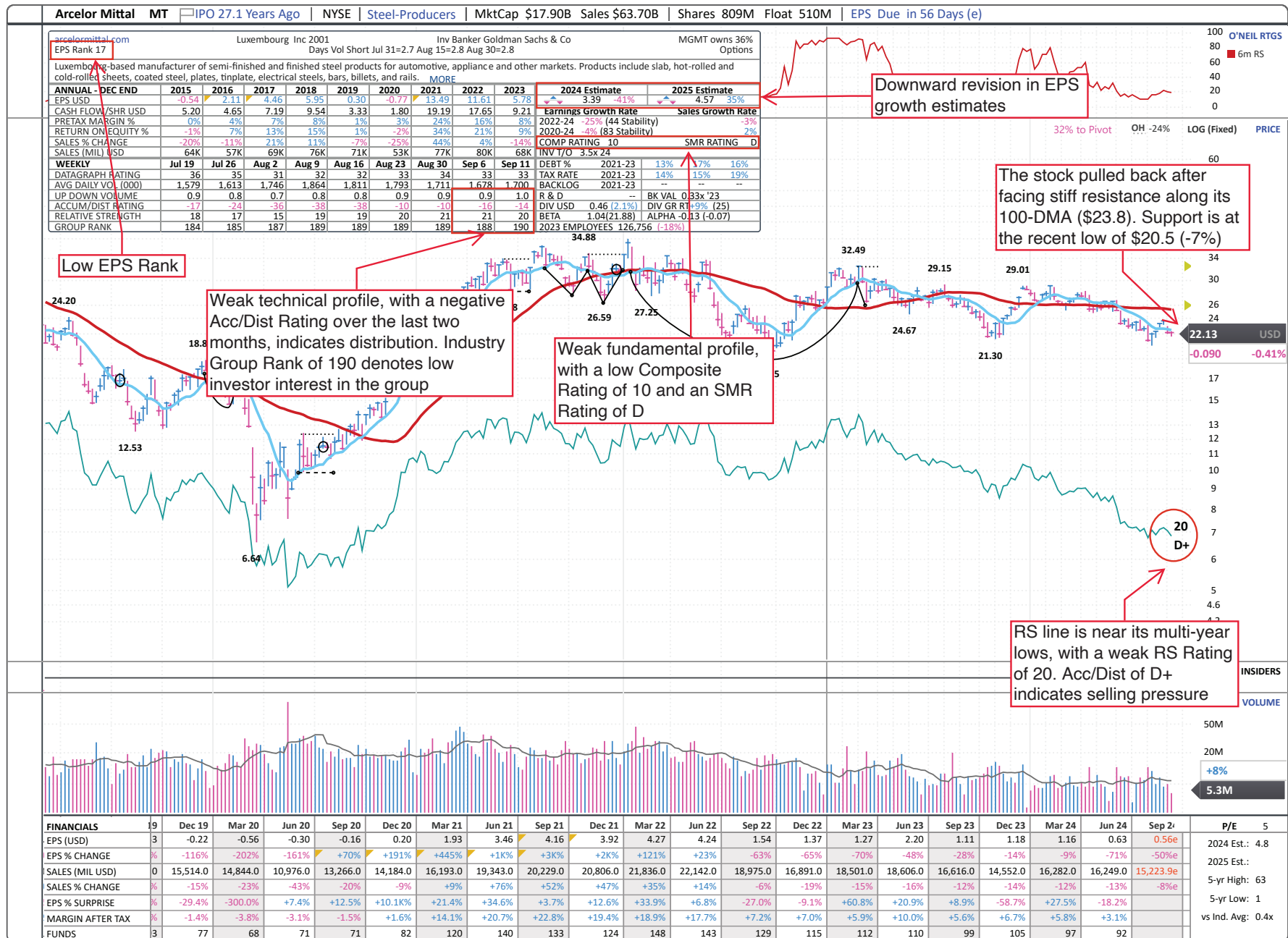
Symbol	Name	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Short Interest, % of Float	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
TALO	Talos Energy Inc	Energy	Oil&Gas-U S Expl&Prod	1,709	24,709	12.9%	5	4	20	D
TNK	Teekay Tankers Ltd Cl A	Energy	Oil&Gas-Transprt/Pipeline	1,605	14,720	2.1%	5	14	45	D
VET	Vermilion Energy Inc	Energy	Oil&Gas-Cdn Expl&Prod	1,485	10,493	8.2%	4	4	13	E
LPG	Dorian LPG Ltd	Energy	Oil&Gas-Transprt/Pipeline	1,472	19,184	5.1%	6	82	25	E
HLX	Helix Energy Solutions	Energy	Oil&Gas-Field Services	1,413	14,398	4.3%	5	54	23	E
RES	R P C Inc	Energy	Oil&Gas-Field Services	1,242	10,497	26.5%	4	8	16	D+
C	Citigroup Inc	Financial	Banks-Money Center	1,09,145	7,81,561	2.0%	1	49	69	D-
AIG	American Intl Group	Financial	Insurance-Diversified	46,410	3,01,319	1.4%	4	89	49	E
PUK	Prudential Plc Adr	Financial	Insurance-Life	22,166	14,143	0.0%	7	5	15	E
CG	The Carlyle Group Inc	Financial	Finance-Investment Mgmt	13,487	87,157	6.2%	5	45	31	D
ALLY	Ally Financial Inc	Financial	Financial Svcs-Specialty	9,913	1,11,393	3.0%	1	29	26	D-
CACC	Credit Acceptance Corp	Financial	Finance-Consumer Loans	5,123	23,151	10.4%	8	55	18	E
BUR	Burford Capital Limited	Financial	Finance-Investment Mgmt	2,786	9,473	3.5%	5	38	23	E
CAAP	Corporacion Amer Airport	Financial	Real Estate Dvlpmnt/Ops	2,579	2,565	5.0%	6	36	45	D+
BHF	Brighthouse Financial	Financial	Insurance-Life	2,495	17,094	1.9%	5	88	21	E
SHO	Sunstone Hotel Investors	Financial	Finance-Property REIT	1,998	23,598	7.7%	5	10	31	D
DRH	Diamondrock Hospitality	Financial	Finance-Property REIT	1,722	16,141	9.4%	6	16	31	E
PEB	Pebblebrook Hotel Tr	Financial	Finance-Property REIT	1,512	23,287	15.9%	6	11	20	D-
CNNE	Cannae Holdings Inc	Financial	Finance-Investment Mgmt	1,165	6,557	2.5%	3	1	31	D-
MRK	Merck & Co Inc	Health Care	Medical-Ethical Drugs	2,90,084	10,27,148	1.0%	4	82	31	D
BDX	Becton Dickinson & Co	Health Care	Medical-Supplies	67,448	3,22,632	0.7%	4	83	31	C+
MCK	Mckesson Corp	Health Care	Medical-Whlsle Drg/Suppl	66,108	4,72,115	1.5%	6	82	41	C-
EW	Edwards Lifesciences	Health Care	Medical-Products	40,483	4,14,441	1.1%	8	90	17	D-
BIIB	Biogen Inc	Health Care	Medical-Biomed/Biotech	28,535	1,85,950	2.3%	4	69	17	D-
DXCM	Dexcom Inc	Health Care	Medical-Products	27,263	4,01,289	1.8%	8	97	6	D+
ICLR	ICON plc	Health Care	Medical-Research Eqp/Svc	24,410	1,47,050	1.9%	2	96	31	D
WST	West Pharmaceutical Svcs	Health Care	Medical-Supplies	21,609	1,74,516	2.1%	6	61	18	B
ZBH	Zimmer Biomet Hldgs Inc	Health Care	Medical-Products	21,354	1,51,037	2.9%	3	66	24	C-
NBIX	Neurocrine Biosciences	Health Care	Medical-Biomed/Biotech	12,114	1,10,756	2.2%	3	92	27	E
MEDP	Medpace Holdings Inc	Health Care	Medical-Research Eqp/Svc	10,474	96,858	3.5%	5	99	30	E
CRL	Charles River Labs Intl	Health Care	Medical-Research Eqp/Svc	9,901	1,36,384	2.9%	6	70	21	D
HSIC	Henry Schein Inc	Health Care	Medical-Supplies	8,536	1,28,957	4.8%	5	61	28	D-
ASND	Ascendis Pharma A/S Ads	Health Care	Medical-Biomed/Biotech	6,566	50,762	6.1%	4	21	24	D-
JAZZ	Jazz Pharmaceuticals Plc	Health Care	Medical-Ethical Drugs	6,501	70,521	3.2%	6	65	21	D
IONS	Ionis Pharmaceuticals	Health Care	Medical-Biomed/Biotech	6,145	59,844	7.2%	3	26	32	C+
BPMC	Blueprint Medicines Corp	Health Care	Medical-Biomed/Biotech	5,394	58,653	6.6%	3	66	58	E
MDGL	Madrigal Pharmaceuticals	Health Care	Medical-Biomed/Biotech	5,061	62,770	24.7%	2	6	28	D

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HAE	Haemonetics Corp	Health Care	Medical-Systems/Equip	3,698	39,420	12.1%	6	70	19	D-
PRGO	Perrigo Co Plc	Health Care	Medical-Generic Drugs	3,655	36,120	3.8%	4	24	22	C
IDYA	IDEAYA Biosciences Inc	Health Care	Medical-Biomed/Biotech	3,039	29,470	14.1%	4	10	34	C-
XENE	Xenon Pharmaceuticals	Health Care	Medical-Biomed/Biotech	2,940	14,501	5.5%	3	19	32	C+
LIVN	Livanova Plc	Health Care	Medical-Products	2,585	33,448	3.8%	5	86	22	B-
VCEL	Vericel Corporation	Health Care	Medical-Biomed/Biotech	2,154	13,717	7.5%	2	39	69	D-
PDCO	Patterson Companies Inc	Health Care	Medical-Supplies	1,812	17,992	4.0%	4	57	17	D-
SNDX	Syndax Pharmaceuticals	Health Care	Medical-Biomed/Biotech	1,570	18,082	11.7%	5	9	26	D
DVAX	Dynavax Technologies	Health Care	Medical-Biomed/Biotech	1,404	22,876	14.4%	3	71	19	D+
AVDL	Avadel Pharmaceuticals	Health Care	Medical-Biomed/Biotech	1,348	13,077	12.9%	4	55	27	D-
USPH	U S Physical Therapy	Health Care	Medical-Outpnt/Hm Care	1,253	8,964	3.8%	6	42	19	C+
DAWN	Day One Biopharmaceutical	Health Care	Medical-Biomed/Biotech	1,220	13,432	23.6%	4	33	41	C+
ANIP	A N I Pharmaceuticals	Health Care	Medical-Generic Drugs	1,154	17,725	14.4%	6	27	21	D-
CPRT	Copart Inc	Retail	Retail/Whlsle-Auto Parts	47,480	2,18,946	1.3%	8	84	30	E
GPC	Genuine Parts Co	Retail	Retail/Whlsle-Auto Parts	18,712	1,31,336	1.9%	5	78	26	C
ULTA	Ulta Beauty Inc	Retail	Retail-Specialty	17,636	4,61,875	6.9%	6	70	18	C-
DPZ	Dominos Pizza Inc	Retail	Retail-Restaurants	14,243	3,09,894	5.4%	6	94	23	D+
ACI	Albertsons Companies Inc	Retail	Retail-Super/Mini Mkts	10,853	57,289	2.9%	2	55	20	E
LKQ	L K Q Corp	Retail	Retail/Whlsle-Auto Parts	10,288	70,527	1.9%	5	59	19	D-
PAG	Penske Automotive Grp	Retail	Retail/Whlsle-Automobile	9,895	27,092	6.9%	3	65	31	D-
SNX	T D Synnex	Retail	Wholesale-Electronics	9,404	71,499	3.4%	5	88	34	D
LAD	Lithia Motors Inc Cl A	Retail	Retail/Whlsle-Automobile	7,050	73,261	9.2%	3	61	27	C+
SITE	SiteOne Landscape Supply	Retail	Retail/Whlsle-Bldg Prds	5,990	63,289	5.9%	6	48	21	D-
BBWI	Bath & Body Works Inc	Retail	Retail-Apparel/Shoes/Acc	5,951	1,18,151	4.1%	8	66	8	E
VIPS	Vipshop Holdings Ltd Ads	Retail	Retail-Internet	5,928	48,650	2.4%	8	87	15	D
ETSY	Etsy Inc	Retail	Retail-Internet	5,887	1,76,663	14.4%	5	64	13	D-
ABG	Asbury Automotive Group	Retail	Retail/Whlsle-Automobile	4,272	41,059	10.2%	4	69	30	D-
DDS	Dillards Inc Class A	Retail	Retail-Department Stores	4,098	48,383	11.2%	6	60	20	D-
SIG	Signet Jewelers Ltd	Retail	Retail/Whlsle-Jewelry	4,048	63,823	11.3%	6	81	16	D+
AEO	American Eagle Outfitters	Retail	Retail-Apparel/Shoes/Acc	3,686	86,006	8.6%	5	84	31	D+
URBN	Urban Outfitters Inc	Retail	Retail-Apparel/Shoes/Acc	3,193	64,339	8.1%	6	94	20	C
MCW	Mister Car Wash Inc	Retail	Retail/Whlsle-Automobile	1,941	11,781	12.6%	4	91	19	E
KAR	Openlane	Retail	Retail/Whlsle-Automobile	1,737	10,816	3.5%	3	39	34	D-
GO	Grocery Outlet Hdq Corp	Retail	Retail-Discoun&Variety	1,592	32,466	11.7%	5	29	9	D-
SSTK	Shutterstock Inc	Retail	Retail-Internet	1,177	16,795	16.9%	5	67	14	D-
ARCO	Arcos Dorados Hldgs Cl A	Retail	Retail-Restaurants	1,082	10,592	4.8%	6	77	15	C
ASML	A S M L Holding N.V. NY	Technology	Elec-Semiconductor Equip	3,13,213	12,64,541	0.2%	8	66	27	E

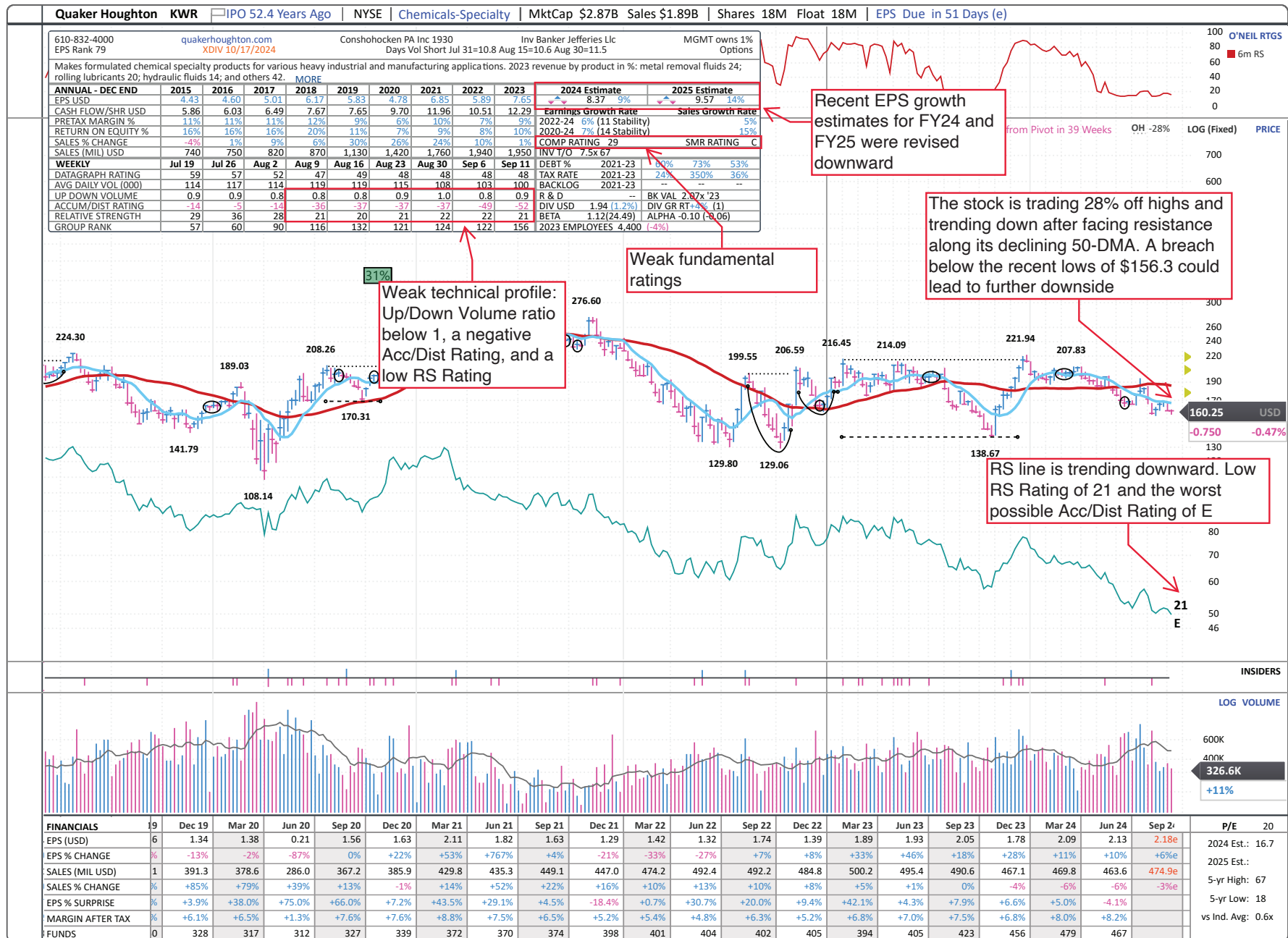
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AMAT	Applied Materials Inc	Technology	Elec-Semiconductor Equip	1,50,193	12,74,451	1.8%	6	90	34	D-
LRCX	Lam Research Corp	Technology	Elec-Semiconductor Equip	97,455	9,57,336	2.0%	7	93	23	E
MU	Micron Technology Inc	Technology	Computer-Data Storage	94,335	20,48,980	3.3%	6	81	26	E
NXPI	Nxp Semiconductors N V	Technology	Elec-Semiconductor Mfg	56,996	5,69,787	1.7%	8	78	28	D
MCHP	Microchip Tech	Technology	Elec-Semiconductor Mfg	40,549	5,04,316	4.6%	8	41	20	E
AMX	America MovilSadeCvBLAdr	Technology	Telecom Svcs- Foreign	36,830	23,136	0.4%	4	16	23	D+
DELL	Dell Technologies Cl C	Technology	Computer-Hardware/Perip	34,424	12,32,617	4.1%	4	57	83	C
ON	ON Semiconductor Corp	Technology	Elec-Semiconductor Mfg	29,407	4,91,893	6.3%	4	68	20	D+
CDW	CDW	Technology	Computer-Tech Services	28,792	2,07,082	2.8%	6	72	30	B-
HUBS	Hubspot Inc	Technology	Comp Sftwr-Spec Enterprs	25,433	3,65,002	1.8%	7	99	20	D+
STM	StmicroelectronicsNV Adr	Technology	Elec-Semiconductor Mfg	25,053	1,26,244	1.1%	7	55	7	D-
BIDU	Baidu Inc Ads	Technology	Internet-Content	23,845	2,93,103	3.7%	6	75	14	D-
GFS	Globalfoundries Inc	Technology	Elec-Semiconductor Mfg	22,234	62,690	20.3%	5	12	14	E
ASX	A S E Technology Hlg Ads	Technology	Elec-Semiconductor Mfg	20,848	90,035	0.7%	6	56	31	D+
PINS	Pinterest Inc Cl A	Technology	Internet-Content	17,739	2,99,040	3.1%	10	97	17	D+
ENTG	Entegris Inc	Technology	Elec-Semiconductor Equip	16,407	2,30,315	3.6%	9	74	24	E
SWKS	Skyworks Solutions Inc	Technology	Elec-Semiconductor Mfg	15,866	2,46,990	4.1%	4	41	32	C-
PSTG	Pure Storage Inc Cl A	Technology	Computer-Data Storage	15,520	1,42,443	2.6%	6	99	41	E
TRMB	Trimble Inc	Technology	Elec-Misc Products	13,428	68,286	1.0%	6	59	41	D
LOGI	Logitech Intl Sa	Technology	Computer-Hardware/Perip	12,780	39,972	3.6%	8	93	26	E
JBL	Jabil Inc	Technology	Elec-Contract Mfg	11,664	1,38,041	4.0%	7	78	19	C
TME	Tencent Music EntGrp ADS	Technology	Internet-Content	8,366	87,591	4.3%	7	88	32	E
WCC	Wesco International Inc	Technology	Electronic-Parts	7,549	99,840	2.8%	5	66	25	D-
MKSI	M K S Instruments Inc	Technology	Elec-Semiconductor Equip	7,362	1,07,430	4.5%	5	81	41	D-
AMKR	Amkor Technology Inc	Technology	Elec-Semiconductor Mfg	7,329	47,716	2.9%	5	88	32	D+
ALTR	Altair Engineering Cl A	Technology	Computer Sftwr-Design	5,090	35,408	8.0%	6	90	62	D-
CFLT	Confluent Inc Class A	Technology	Computer Sftwr-Database	4,868	85,622	8.8%	4	81	10	D-
BZ	Kanzhun Ltd Ads Cl A	Technology	Internet-Content	4,433	52,978	2.9%	8	99	9	D+
ALGM	Allegro Microsystems Inc	Technology	Elec-Semicondctor Fablss	4,145	51,884	9.9%	7	57	11	D+
DLB	Dolby Laboratories Inc	Technology	Elec-Misc Products	4,129	36,632	1.2%	3	79	19	D+
IAC	I A C Inc	Technology	Internet-Content	4,075	27,587	4.4%	5	5	34	C
SLAB	Silicon Laboratories Inc	Technology	Elec-Semicondctor Fablss	3,397	33,199	5.9%	3	4	19	C-
FORM	Formfactor Inc	Technology	Elec-Semiconductor Equip	3,333	30,166	2.9%	6	76	37	D-
POWI	Power Integrations Inc	Technology	Elec-Semicondctor Fablss	3,274	26,098	6.7%	4	31	14	D-
IRDM	Iridium Communications	Technology	Telecom Svcs-Wireless	3,215	25,425	4.7%	2	81	17	C-
ACLS	Axcelis Technologies Inc	Technology	Elec-Semiconductor Equip	3,214	64,928	6.3%	6	86	13	D-
IPGP	I P G Photonics Corp	Technology	Elec-Scientific/Msrng	2,782	15,244	5.0%	5	19	10	C-

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SYNA	Synaptics Inc	Technology	Elec-Misc Products	2,780	23,732	7.6%	5	44	13	C-
YELP	Yelp Inc	Technology	Internet-Content	2,229	24,072	6.8%	6	99	17	D
VSH	Vishay Intertechnology	Technology	Electronic-Parts	2,199	21,784	9.8%	4	33	14	E
KLIC	Kulicke & Soffa Ind Inc	Technology	Elec-Semiconductor Equip	2,122	21,028	6.7%	6	29	17	D-
SIMO	Silicon Motion Tech Ads	Technology	Computer-Data Storage	1,927	20,812	2.7%	8	89	20	E
ROG	Rogers Corp	Technology	Elec-Semiconductor Mfg	1,846	11,549	3.6%	5	21	15	E
VYX	NCR Voyix	Technology	Computer-Integrated Syst	1,721	22,709	10.2%	3	81	19	D+
VECO	Veeco Instruments Inc	Technology	Elec-Semiconductor Equip	1,676	27,100	10.6%	6	97	19	E
VRNT	Verint Systems Inc	Technology	Computer Sftwr-Security	1,590	18,367	7.1%	5	55	19	E
UCTT	Ultra Clean Holdings Inc	Technology	Elec-Semiconductor Equip	1,508	15,226	1.6%	7	81	22	D-
PLAB	Photronics Inc	Technology	Elec-Semiconductor Equip	1,430	10,142	3.7%	8	80	24	C
WB	Weibo Corp Cl A Ads	Technology	Internet-Content	1,067	10,413	12.4%	5	34	16	C+
SGH	Smart Global Holdings	Technology	Computer-Data Storage	1,004	22,293	11.3%	5	30	21	E
ICHR	Ichor Holdings Ltd	Technology	Elec-Semiconductor Equip	945	8,402	2.2%	7	38	17	D
CNI	Canadian Natl Ry Co	Transportation	Transportation-Rail	74,918	1,32,355	0.5%	6	67	30	E
CSX	CSX Corp	Transportation	Transportation-Rail	64,473	3,51,395	1.3%	4	65	37	C
ODFL	Old Dominion Fght Line	Transportation	Transportation-Truck	40,440	2,92,585	3.0%	4	89	34	D
JBHT	Hunt J B Trans Svcs Inc	Transportation	Transportation-Truck	17,098	1,49,186	1.4%	4	46	27	C-
SAIA	Saia Inc	Transportation	Transportation-Truck	11,247	1,92,335	8.8%	7	95	25	D+
ARCB	Arcbest Corporation	Transportation	Transportation-Truck	2,334	24,638	7.7%	6	89	21	E
CNP	Centerpoint Energy Inc	Utility	Utility-Diversified	17,882	2,03,297	1.9%	5	66	27	C

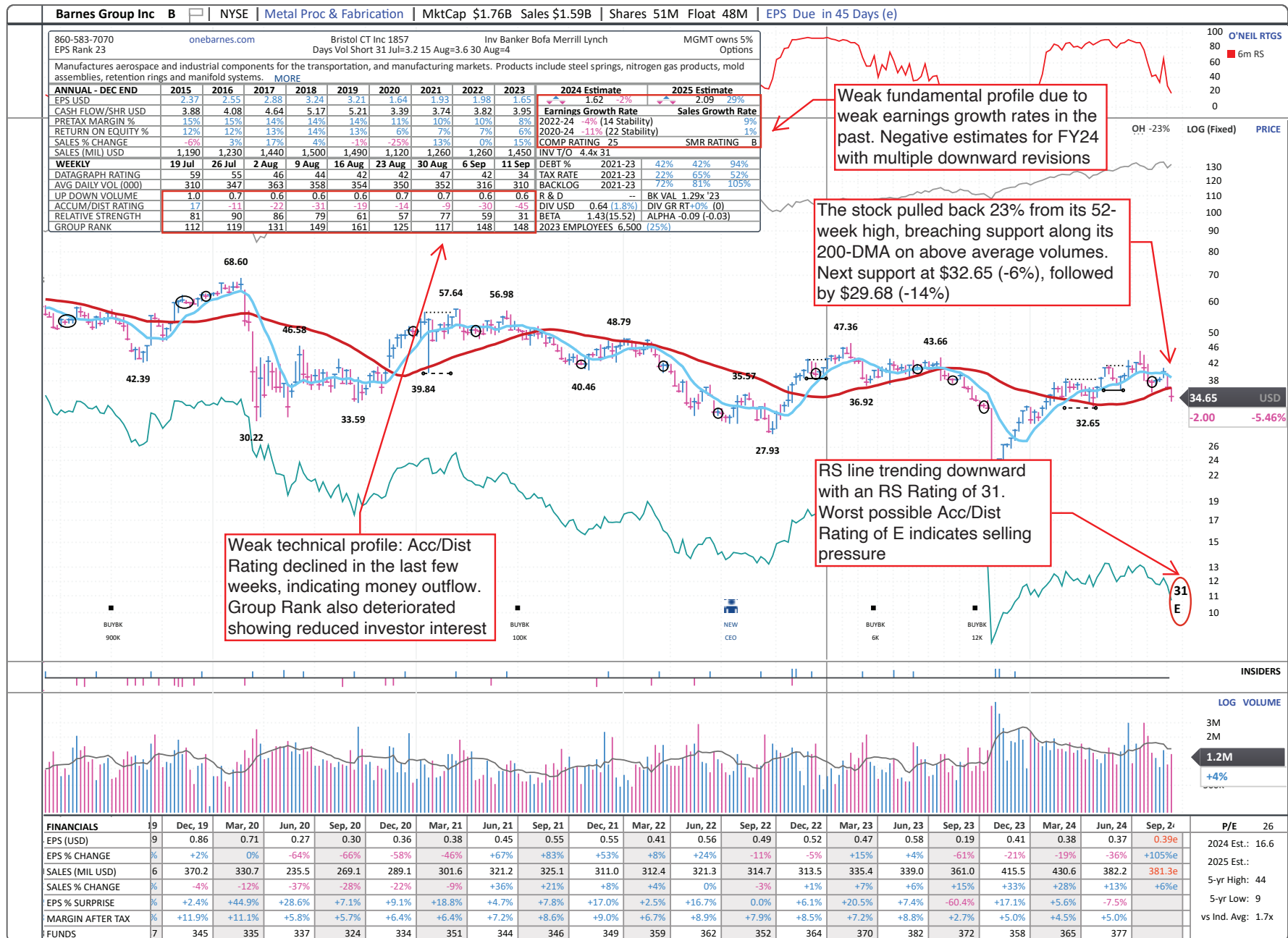
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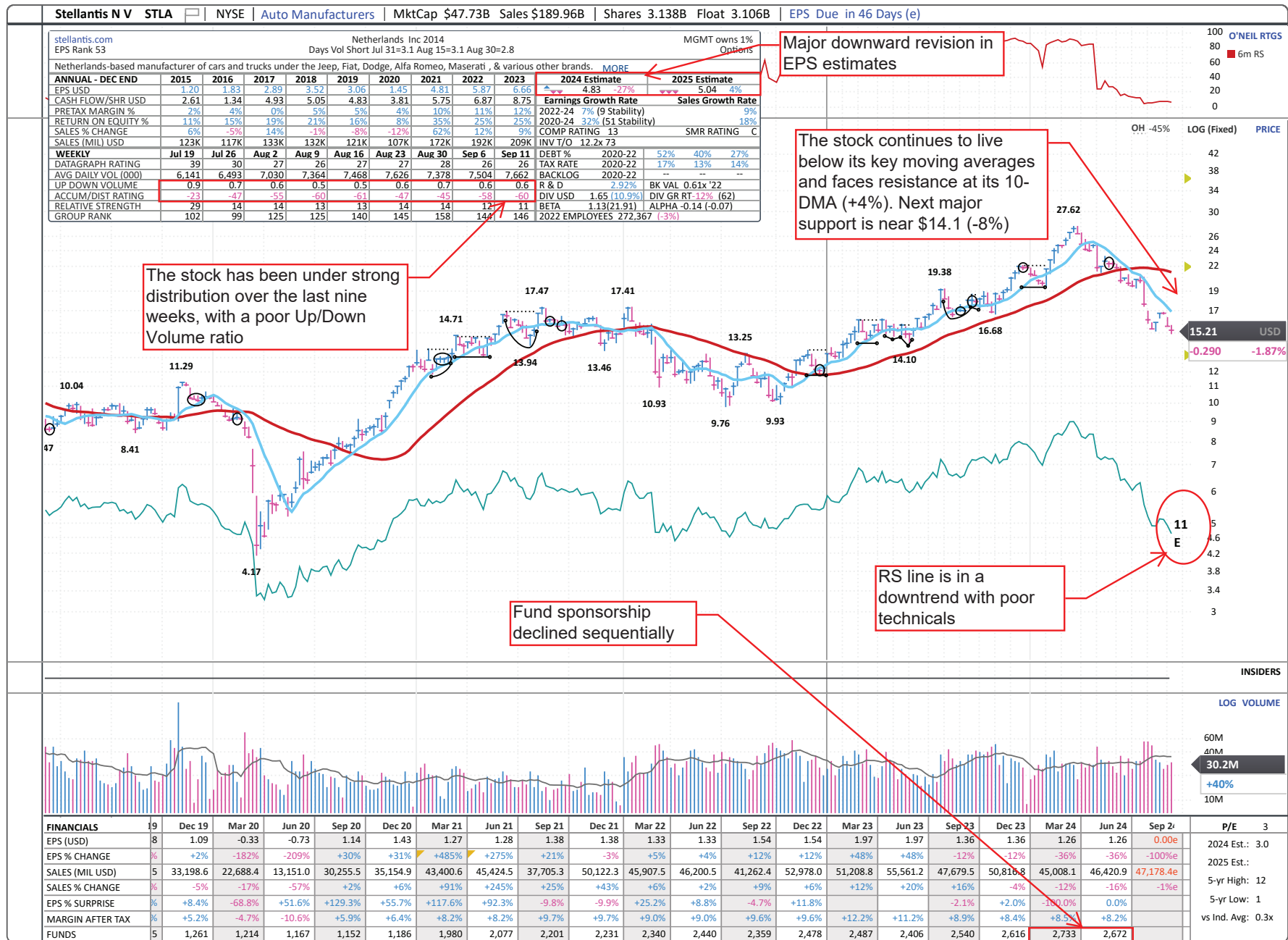
U.S.—Basic Material—Highlighted Laggard



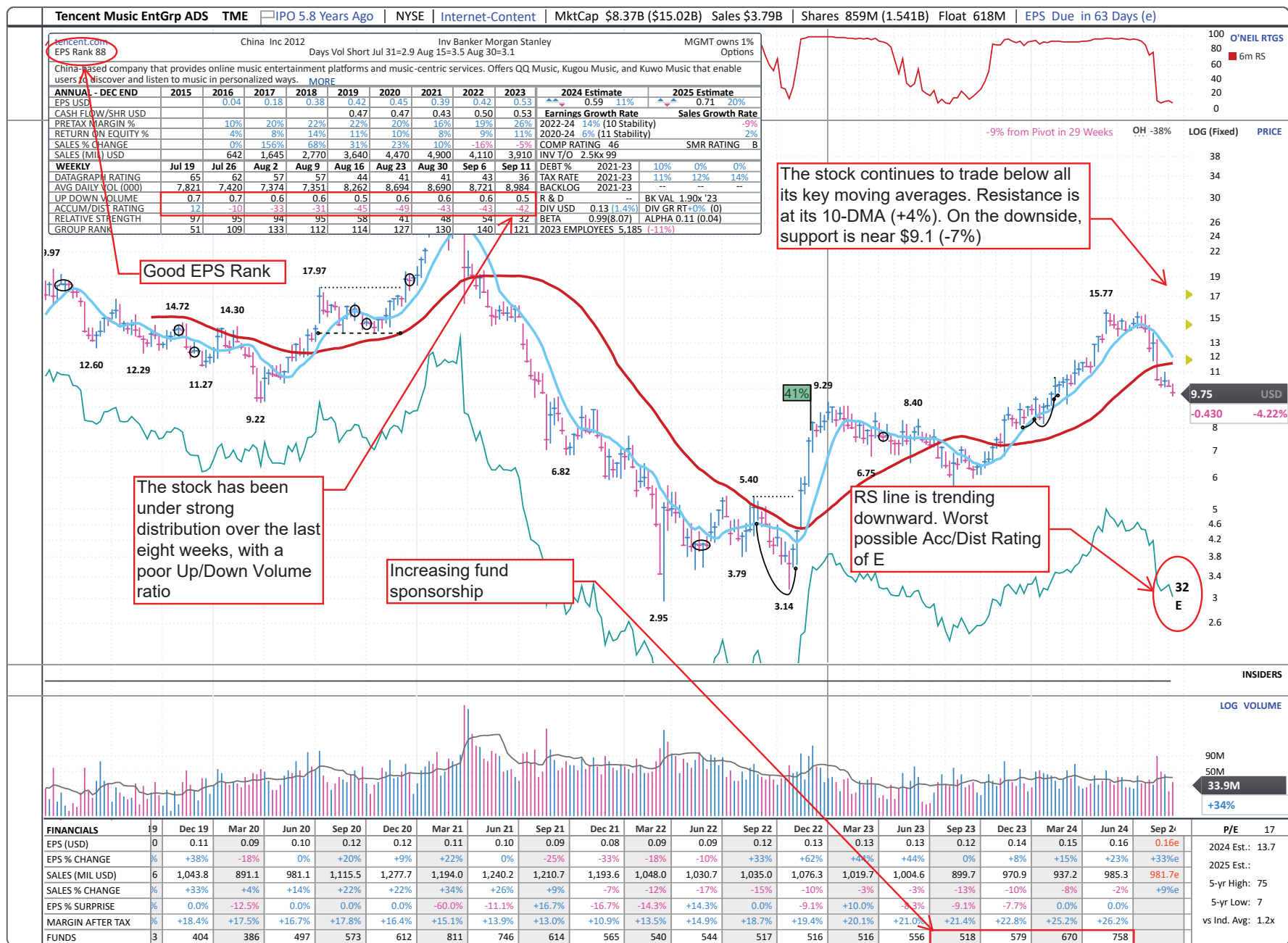
U.S. — Capital Equipment — Highlighted Laggard



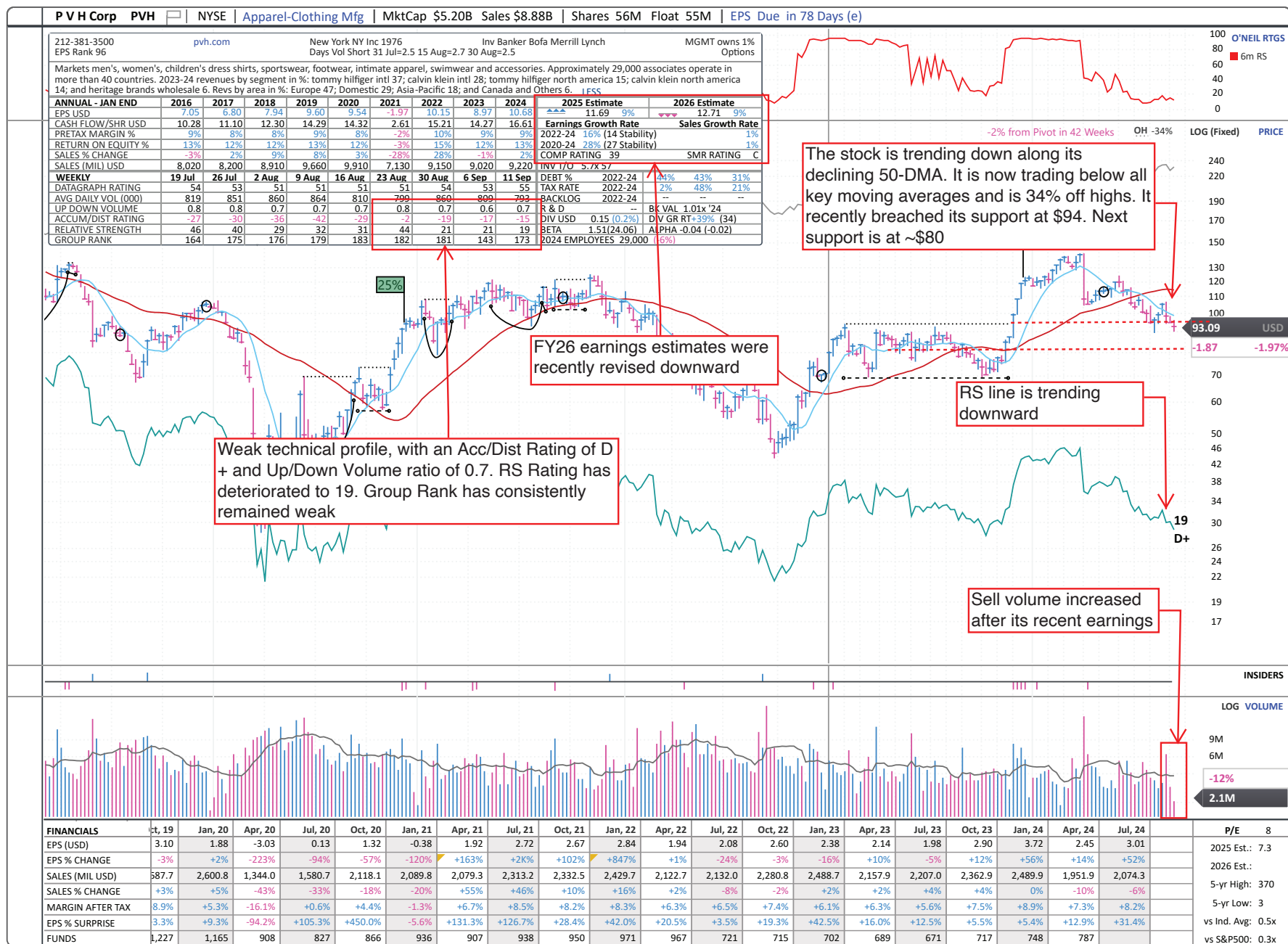
U.S. — Consumer Cyclical — Highlighted Laggard



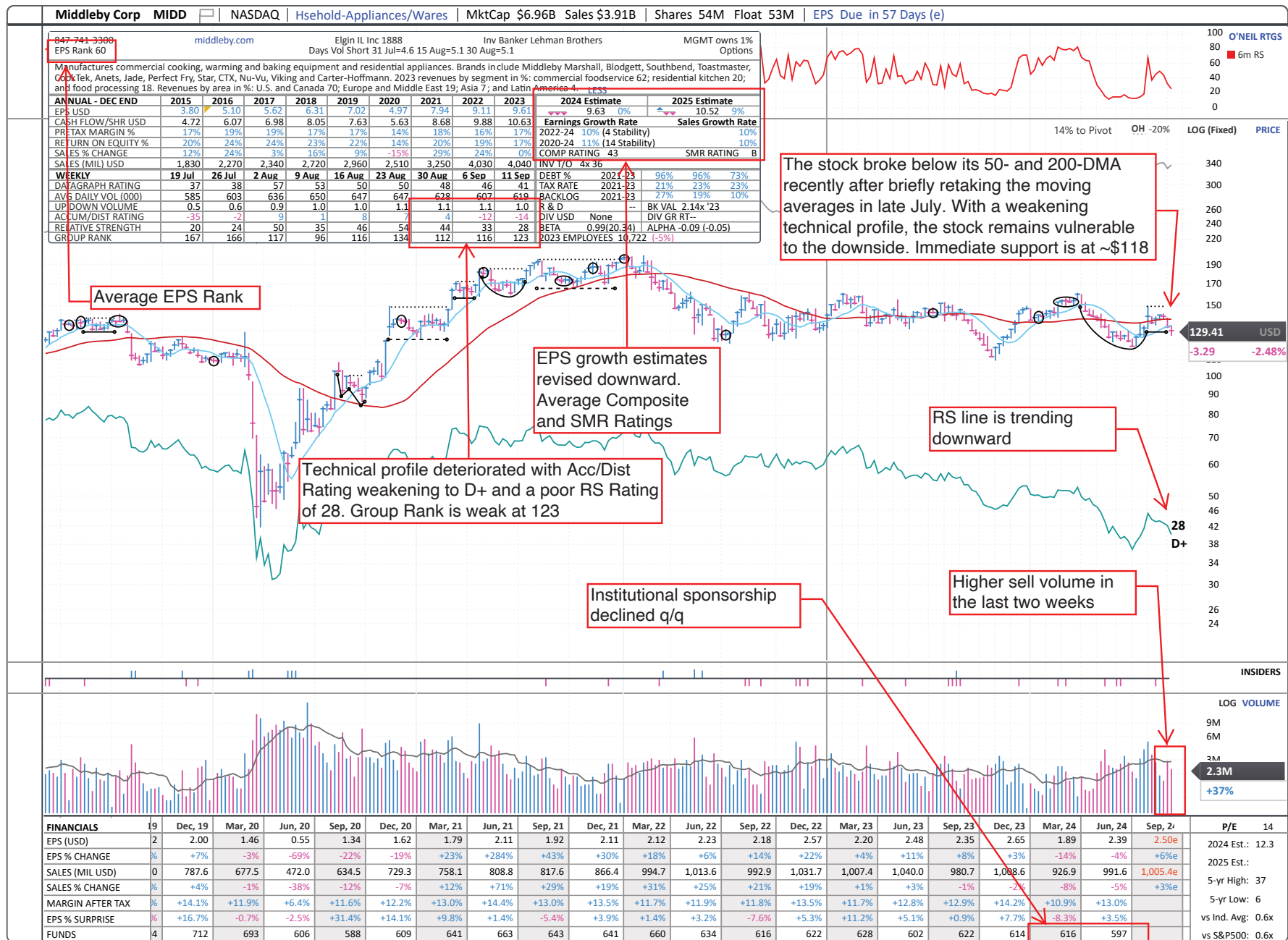
U.S. — Consumer Cyclical — Highlighted Laggard



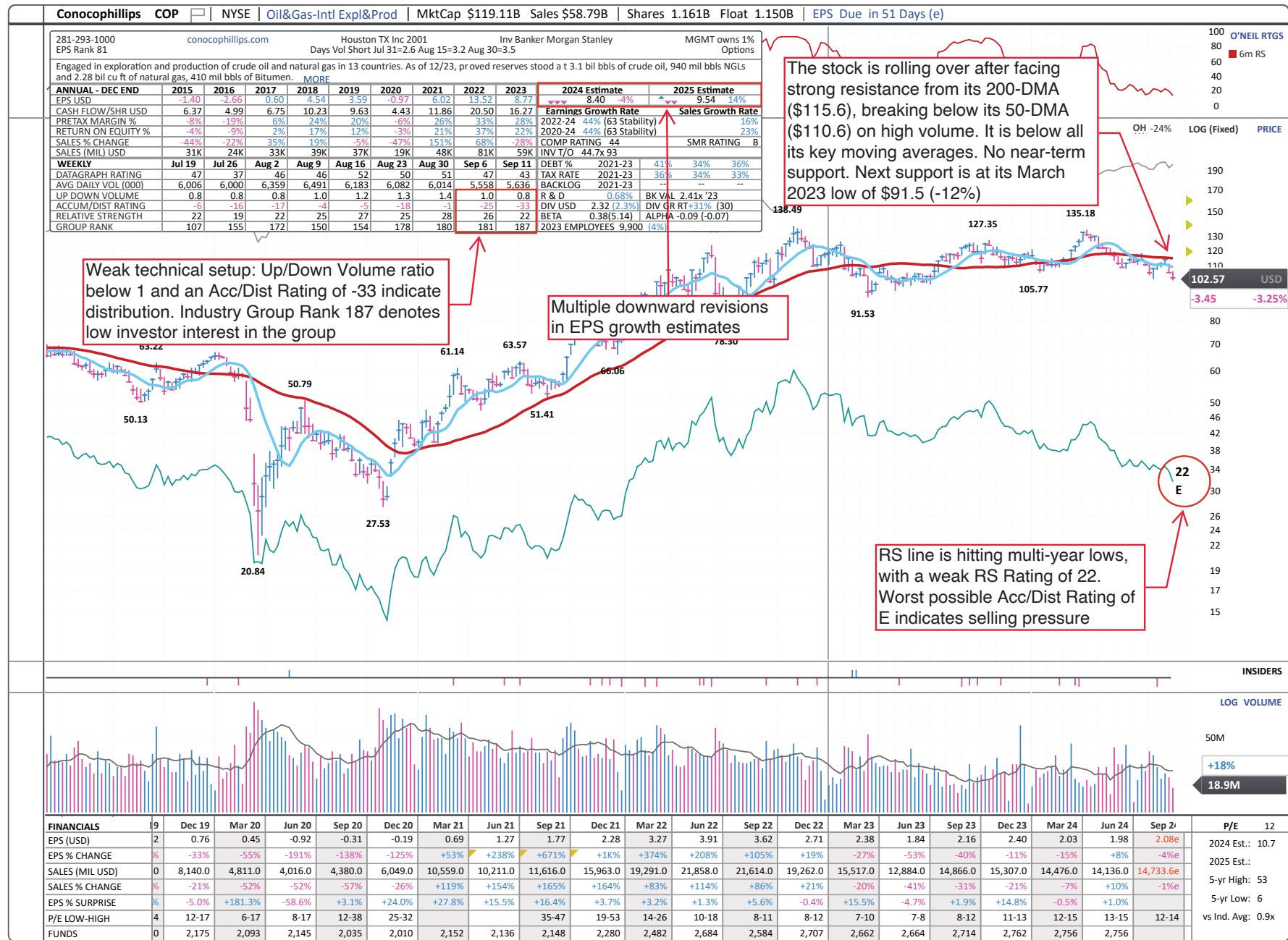
U.S. — Consumer Cyclical — Highlighted Laggard



U.S. — Consumer Cyclical — Highlighted Laggard



U.S.—Energy—Highlighted Laggard



INSIDERS

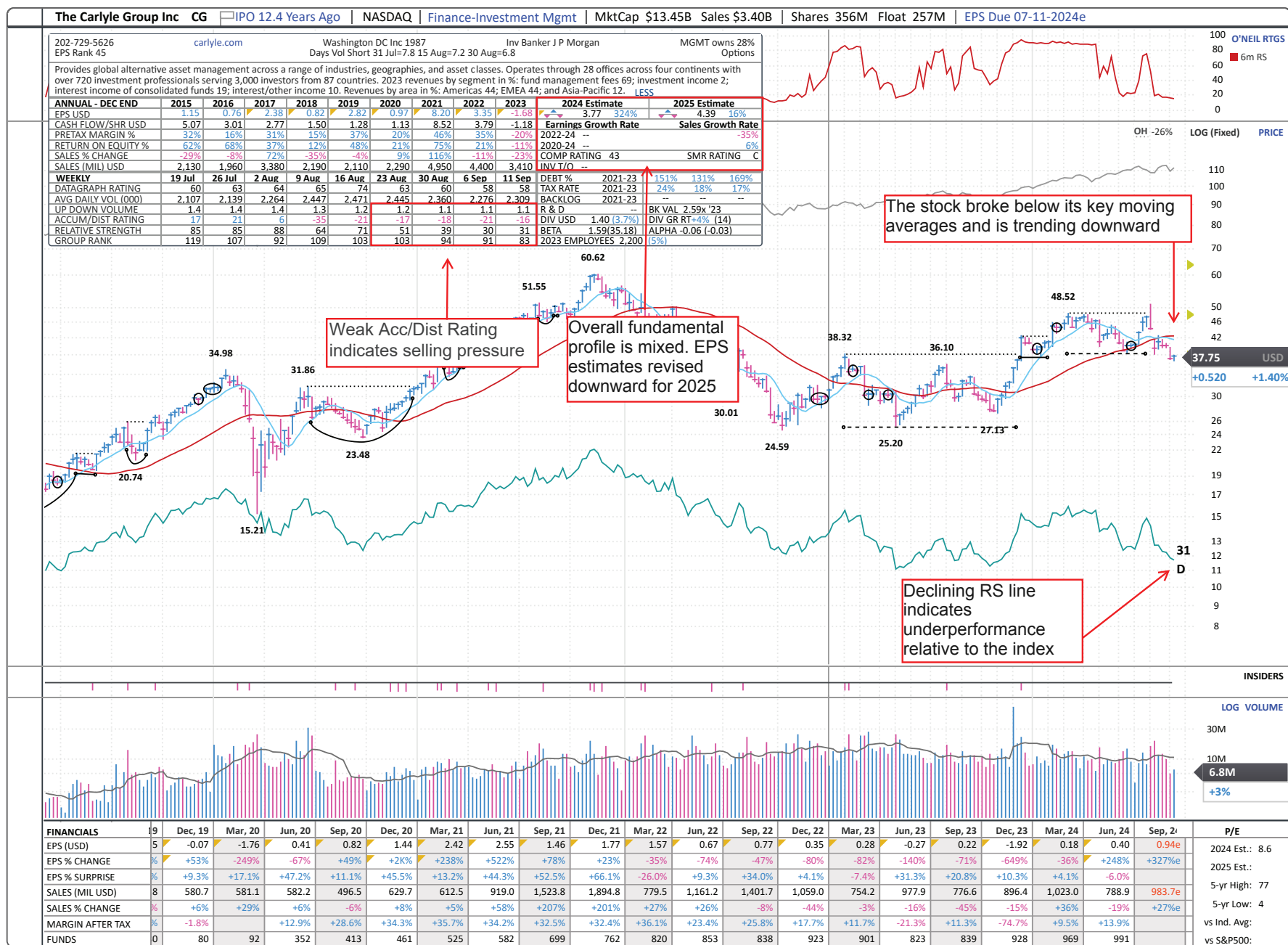
LOG VOLUME

50M

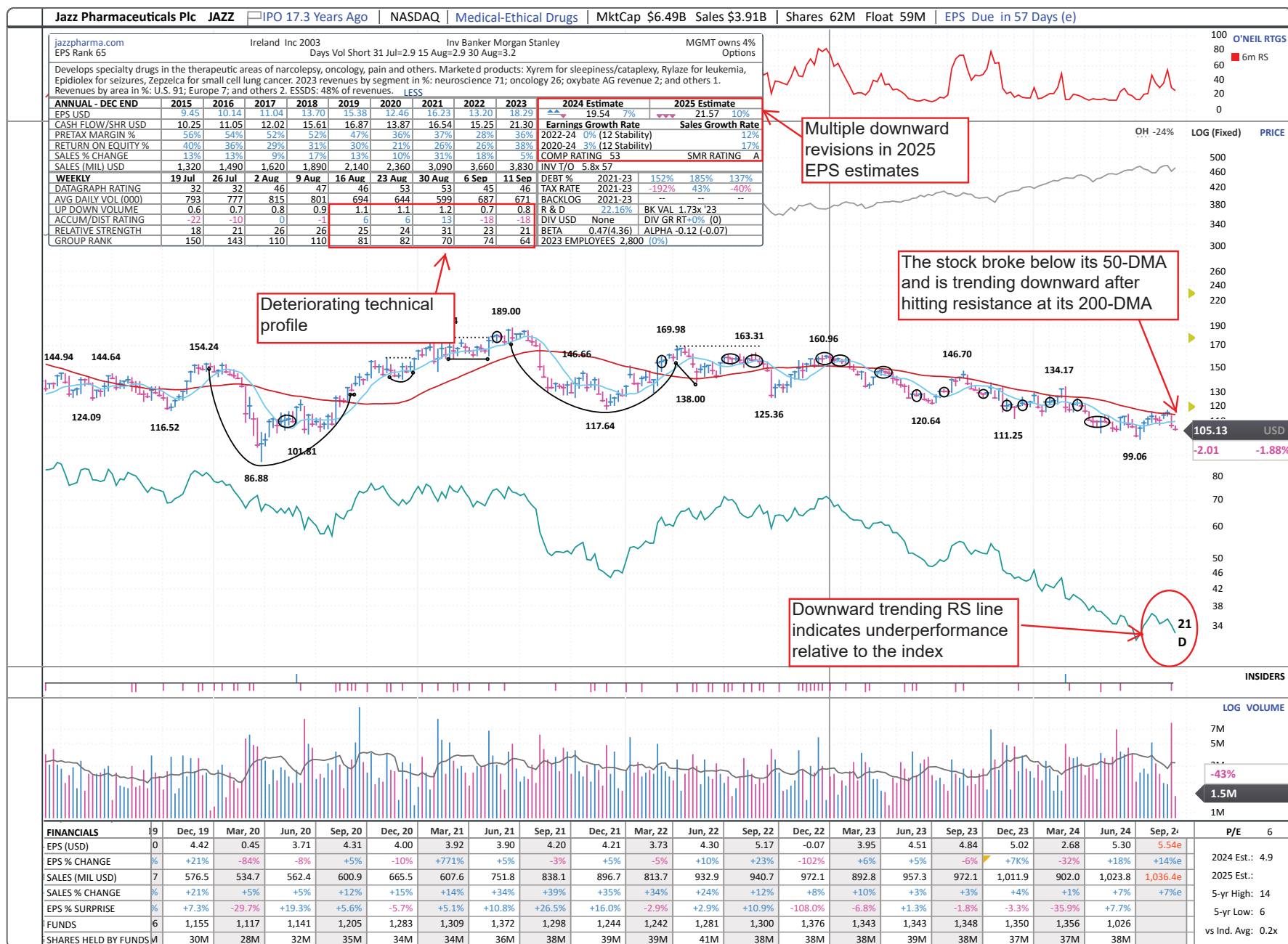
+18%

18.9M

U.S. — Financial — Highlighted Laggard



U.S. — Health Care — Highlighted Laggard



Openlane KAR IPO 14.8 Years Ago NYSE Retail/Wholesale-Automobile | MktpCap \$1.72B Sales \$1.66B | Shares 109M Float 105M | EPS Due in 50 Days (e)

800-932-3725
EPS Rank 39 openlane.com Carmel IN Inc 2006 Inv Banker Goldman Sachs & Co MGMT owns 2% Options
Days Vol Short Jul 31=5.2 Aug 15=5.3 Aug 30=5.5

Conducts salvaged/used vehicle auctions via 90 physical locations and multiple internet venues across North America. Operates, Marketplace and Finance segment. The Marketplace offers digital marketplace services for buying and selling used vehicles; Finance offers floorplan financing, short-term inventory-secured financing. Auctions off-lease vehicles, rentals and dealer vehicles. 2023 revenue by area in %: United States 62; and Foreign 38.

	ANNUAL - DEC END	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 Estimate	2025 Estimate
EPS USD		1.90	2.06	2.48	1.26	1.04	0.57	0.31	0.43	0.73	0.79	0.94
CASH FLOW/SHR USD		1.11	1.22	1.45	0.83	2.18	1.76	1.13	1.32	1.63	1.79	1.99
PRETAX MARGIN %		16%	15%	15%	9%	7%	4%	5%	6%	9%	9%	1%
RETURN ON EQUITY %		18%	21%	24%	12%	9%	5%	3%	4%	7%	7%	-12%
SALES % CHANGE		12%	19%	10%	9%	-26%	-21%	3%	-32%	9%	---	---
SALES (MIL) USD		2,640	3,150	3,460	3,770	2,780	2,190	2,250	1,520	1,650	---	---
WEEKLY DATAGRAPH RATING		Jul 19	Jul 26	Aug 2	Aug 9	Aug 16	Aug 23	Aug 30	Sep 6	Sep 11	---	---
AVG DAILY VOL (000)		654	653	673	669	670	657	676	686	685	---	---
UP/DOWN VOLUME		0.9	0.9	1.0	1.0	0.9	1.0	1.3	1.1	0.9	---	---
ACCUM/DISTR RATING		28	24	12	-16	-14	-2	-10	-20	-24	---	---
RELATIVE STRENGTH		77	75	76	72	68	67	56	54	34	---	---
GROUP RANK		50	42	34	69	47	42	50	54	82	---	---

Earnings Growth Rate: 2022-24 92% (99 Stability)
Sales Growth Rate: 2020-24 -10% (99 Stability)
COMP RATING: 41 SMR RATING: C

DEBT %: 2021-23 122%
TAX RATE: 2021-23 106%
BACKLOG: 2021-23 ---
R & D: BK VAL 1.29x '23
DIV USD: None DIV GR RT: ---
BETA: 1.02(25.36) ALPHA -0.07 (-0.04)
2023 EMPLOYEES: 4,500 (0%)

The stock is in a downtrend after hitting resistance at the 100-DMA on high volume and sits at its recent base low. It is trading below all its key moving averages. Next support is at \$12.86 (-23%)

Poor EPS Rank

Deteriorating technical setup: Up/Down Volume ratio of 0.9 and a negative Acc/Dist Rating indicate distribution. Decreasing Group Rank reflects low investor interest

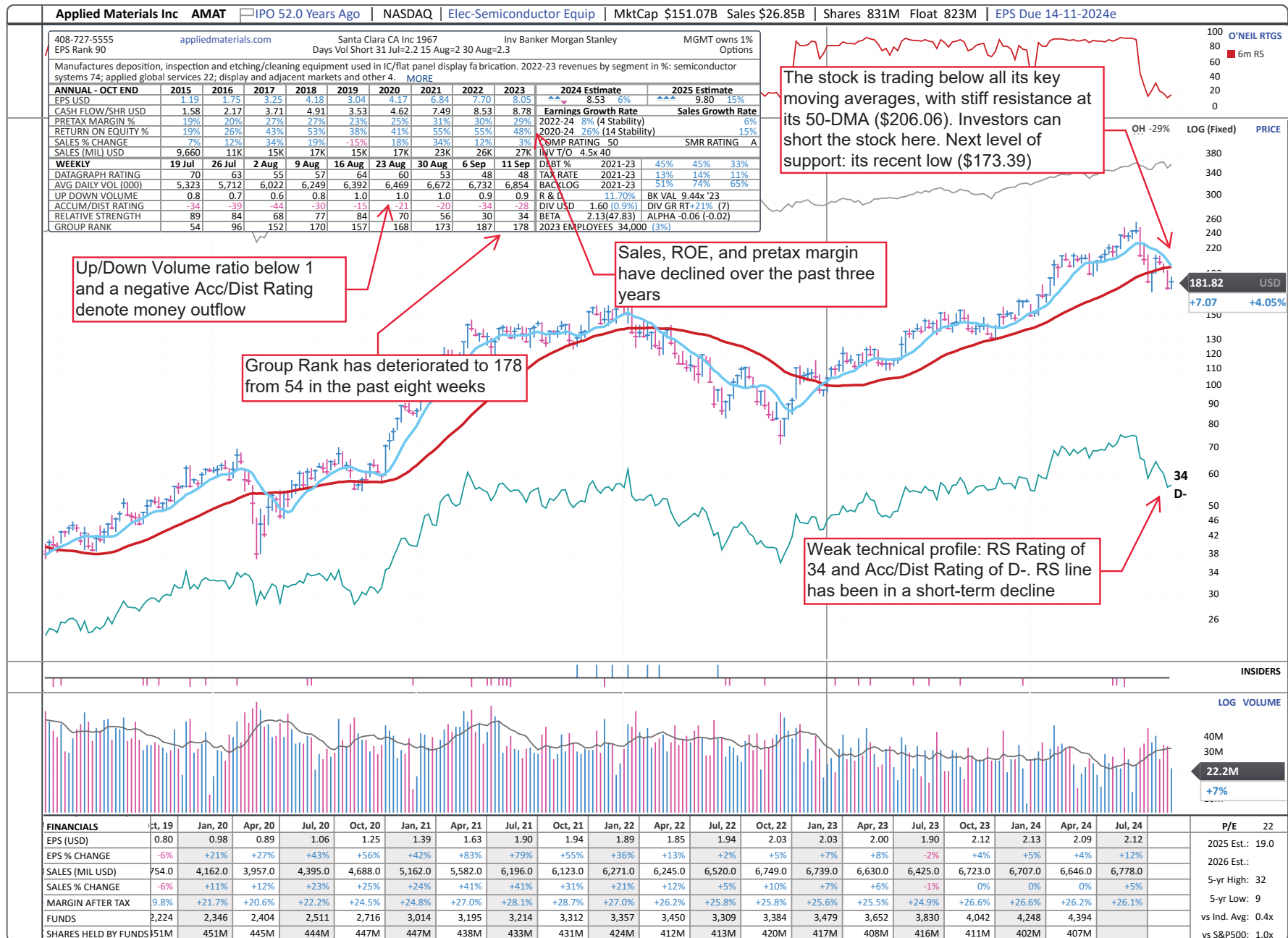
Downward revisions in EPS estimates for FY24 and FY25. Weak Composite Rating

RS line is in a downtrend with an RS Rating of 34

INSIDERS LOG VOLUME

	FINANCIALS	9	Dec 19	Mar 20	Jun 20	Sep 20	Dec 20	Mar 21	Jun 21	Sep 21	Dec 21	Mar 22	Jun 22	Sep 22	Dec 22	Mar 23	Jun 23	Sep 23	Dec 23	Mar 24	Jun 24	Sep 24	P/E	22
EPS (USD)		5	0.19	0.09	0.08	0.45	-0.01	0.27	-0.03	0.11	0.17	-0.01	0.04	0.09	0.33	0.13	0.25	0.18	0.16	0.19	0.19	0.22e	2024 Est.: 16.8	
EPS % CHANGE		%	-10%	-55%	-73%	+29%	-105%	+200%	-138%	-124%	+2K%	-104%	+233%	+182%	+94%	+1K%	+525%	+100%	-52%	+46%	-24%	+22%e	2025 Est.: -	
EPS % SURPRISE		%	-34.5%	-43.8%	+157.1%	+60.7%	-103.6%	+309.1%	-21.1%	-27.3%	+266.7%	-115.4%	-42.9%	-61.5%	+106.3%	+33.3%	+108.3%	+20.0%	+23.1%	-9.5%	-9.5%	5-yr High: 867		
SALES (MIL USD)		9	671.3	645.5	419.0	593.6	529.6	581.6	585.4	535.2	549.4	369.4	384.2	393.0	372.8	420.6	416.9	416.3	391.3	416.3	431.8	431.3e	5-yr Low: 9	
SALES % CHANGE		%	-28%	-38%	-42%	-15%	-21%	-10%	+40%	-10%	+4%	-36%	-34%	-27%	-32%	+14%	+9%	+6%	+5%	-1%	+4%	+4%e	vs Ind. Avg: 1.4x	
MARGIN AFTER TAX		%	+3.6%	+2.6%	+2.3%	+9.9%	-0.3%	+11.7%	-1.2%	-4.8%	+7.2%	-0.5%	+1.7%	+3.5%	+12.8%	+4.4%	+8.8%	+6.2%	+5.9%	+6.6%	+6.4%			
FUNDS		9	616	552	526	472	467	427	412	419	383	377	383	366	368	355	352	357	382	368	362			

U.S. — Technology — Highlighted Laggard



Developed Markets

Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
BHP.AU	Bhp Group	Australia	Basic Material	Mining-Metal Ores	1,30,990	2,09,931	6	92	39	D-
COH.AU	Cochlear	Australia	Health Care	Medical-Products	12,668	29,786	4	82	48	D-
SHL.AU	Sonic Healthcare	Australia	Health Care	Medical-Services	8,611	16,463	4	50	49	B-
RHC.AU	Ramsay Health Care	Australia	Health Care	Medical-Hospitals	6,144	16,443	4	95	28	D-
SQ2.AU	Block Cdi	Australia	Technology	Computer-Tech Services	35,152	14,257	6	84	47	C
WNBA.AT	Wienerberger	Austria	Basic Material	Bldg-Cement/Concrt/Ag	3,539	14,701	5	24	38	C+
VGP.BE	Vgp	Belgium	Financial	Real Estate Dvlpm/Ops	2,875	1,118	6	85	40	D
IVN.CA	Ivanhoe Mines	Canada	Basic Material	Mining-Metal Ores	15,970	24,175	4	75	68	D
STN.CA	Stantec	Canada	Capital Equipment	Bldg-Heavy Construction	8,801	18,036	4	96	50	E
DOO.CA	Brp	Canada	Consumer Cyclical	Leisure-Products	2,095	10,348	3	53	45	E
CNQ.CA	Canadian Natural Res.	Canada	Energy	Oil&Gas-Cdn Expl&Prod	68,539	3,27,217	4	96	46	D-
SU.CA	Suncor Energy	Canada	Energy	Oil&Gas-Refining/Mktg	45,700	2,97,500	3	84	58	E
IMO.CA	Imperial Oil	Canada	Energy	Oil&Gas-Refining/Mktg	34,569	58,061	1	98	62	E
ARX.CA	Arc Resources	Canada	Energy	Oil&Gas-Intl Expl&Prod	9,868	29,395	4	78	53	E
ONEX.CA	Onex	Canada	Financial	Finance-Investment Mgmt	5,031	7,133	5	89	47	C
ATD.CA	Alimentation Couche Tard Mtpl.Vtg. Shs.'A'	Canada	Retail	Retail-Super/Mini Mkts	53,400	83,192	5	74	49	D+
PKI.CA	Parkland Corp	Canada	Retail	Retail-Super/Mini Mkts	4,508	13,890	4	52	33	D
RCI/B.CA	Rogers Comms.'B'	Canada	Technology	Telecom Svcs-Wireless	17,050	55,776	5	73	49	C
AC.CA	Air Canada Vtg.&.Var. Vtg.Shs.	Canada	Transportation	Transportation-Airline	4,059	23,116	5	14	30	E
NPI.CA	Northland Power	Canada	Utility	Utility-Electric Power	4,064	22,744	6	81	39	D-
CAB.DK	Carlsberg B	Denmark	Consumer Staple	Beverages-Alcoholic	11,900	28,781	4	38	16	D
JYS.DK	Jyske Bank	Denmark	Financial	Banks-Money Center	4,954	11,246	5	79	47	D-
RIL.DK	Ringkjøbing Landbobank	Denmark	Financial	Banks-Money Center	4,110	3,125	5	96	34	D-
DSB.DK	A P Moller Maersk B	Denmark	Transportation	Transportation-Ship	8,877	35,356	4	35	27	D-
UPM.FI	Upm-Kymmene	Finland	Basic Material	Paper & Paper Products	16,911	28,887	5	42	29	D-
EGR.FI	Stora Enso R	Finland	Basic Material	Paper & Paper Products	7,276	17,631	6	40	27	E
AKE.FR	Arkema	France	Basic Material	Chemicals-Specialty	6,521	10,893	4	36	22	D-
AIRS.FR	Airbus	France	Capital Equipment	Aerospace/Defense	1,13,700	1,45,424	6	49	29	E
CSF.FR	Thales	France	Capital Equipment	Aerospace/Defense	33,788	26,431	4	90	41	E
PUB.FR	Publicis Groupe	France	Capital Equipment	Comm'l Svcs-Advertising	26,541	37,912	4	92	71	D-
ENT.FR	Bouygues	France	Capital Equipment	Bldg-Heavy Construction	13,195	20,079	4	43	34	E
RXL.FR	Rexel	France	Capital Equipment	Electrical-Power/Equipmt	7,352	13,897	5	71	26	D-
RMS.FR	Hermes Intl.	France	Consumer Cyclical	Apparel-Clothing Mfg	2,21,516	1,20,386	6	91	29	E
RENU.FR	Renault	France	Consumer Cyclical	Auto Manufacturers	12,547	36,573	6	27	27	E

Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
OR@F.FR	L'Oreal	France	Consumer Staple	Cosmetics/Personal Care	2,16,777	1,30,760	6	89	19	E
RCD.FR	Pernod-Ricard	France	Consumer Staple	Beverages-Alcoholic	35,330	58,257	4	42	22	D+
FP.FR	Totalenergies	France	Energy	Oil&Gas-Integrated	1,59,044	1,93,345	6	87	38	D-
BNRX.DE	Brenntag (Xet)	Germany	Basic Material	Chemicals-Specialty	10,133	18,232	5	57	27	E
SIEX.DE	Siemens (Xet)	Germany	Capital Equipment	Diversified Operations	1,42,949	1,67,317	6	74	45	E
HEIX.DE	Heidelbergcement (Xet)	Germany	Consumer Cyclical	Bldg-Constr Prds/Misc	18,235	30,822	5	53	61	E
TUI1X.DE	Tui (Xet)	Germany	Consumer Cyclical	Leisure-Lodging	3,247	21,804	7	47	27	D-
BEIX.DE	Beiersdorf (Xet)	Germany	Consumer Staple	Cosmetics/Personal Care	34,628	36,987	9	59	36	E
SHLX.DE	Siemens Healthineers (Xet)	Germany	Health Care	Medical-Systems/Equip	61,982	31,542	7	82	40	E
ZALX.DE	Zalando (Xet)	Germany	Retail	Retail-Internet	6,200	19,104	4	66	43	D
IFXX.DE	Infineon Techs. (Xet)	Germany	Technology	Elec-Semiconductor Mfg	41,564	1,01,198	3	55	19	D-
DHLX.DE	Deutsche Post (Xet)	Germany	Transportation	Transport-Air Freight	51,893	78,772	5	56	43	D-
FZM.HK	Zijin Mining Group 'H'	Hong Kong	Basic Material	Mining-Gold/Silver/Gems	10,722	73,691	1	99	71	E
SHGM.HK	Shandong Gld Mng 'H'	Hong Kong	Basic Material	Mining-Gold/Silver/Gems	1,584	11,524	3	79	56	D-
CHPE.HK	China Ptl.& Chm. 'H'	Hong Kong	Energy	Oil&Gas-Integrated	13,296	59,176	1	89	70	D-
HKEX.HK	Hong Kong Exs.& Clear.	Hong Kong	Financial	Financial Svcs-Specialty	35,934	1,29,106	3	76	44	D-
FOSN.HK	Fosun International	Hong Kong	Financial	Insurance-Brokers	4,119	1,029	3	28	47	D+
FLGR.HK	Cosco Ship.Ports.Fin	Hong Kong	Financial	Real Estate Dvlpmt/Ops	1,964	1,909	5	58	45	D-
CPHA.HK	Cspc Pharmaceutical Gp	Hong Kong	Health Care	Medical-Diversified	6,920	31,078	5	77	20	D-
GIBH.HK	Giant Biogene Hlgs Co., Ltd.	Hong Kong	Health Care	Medical-Products	4,708	12,919	4	76	52	D
HUTC.HK	Hutchmed (China) Ltd	Hong Kong	Health Care	Medical-Biomed/Biotech	2,923	12,447	4	22	58	C-
BOSI.HK	Bosideng Intl.Holdings	Hong Kong	Retail	Retail-Apparel/Shoes/Acc	5,110	12,091	5	99	65	C-
SPHL.HK	Sinopharm Group 'H'	Hong Kong	Retail	Retail-Drug Stores	2,815	11,570	6	75	36	E
LEGE.HK	Lenovo Group	Hong Kong	Technology	Computer-Hardware/Perip	14,461	44,584	4	96	59	E
CREP.HK	China Res.Power Hdg.	Hong Kong	Utility	Utility-Electric Power	11,413	33,706	3	94	76	E
HPI.HK	Huaneng Power Intl.'H'	Hong Kong	Utility	Utility-Electric Power	2,447	17,464	4	44	49	E
KRX.IE	Kingspan Group	Ireland	Consumer Cyclical	Bldg-Constr Prds/Misc	15,462	20,123	6	94	37	D+
ARPT.IL	Airport City	Israel	Financial	Real Estate Dvlpmt/Ops	1,688	2,456	4	64	25	C
CLIS.IL	Clal Insurance	Israel	Financial	Insurance-Brokers	1,224	1,754	4	69	32	D
LDO.IT	Leonardo	Italy	Capital Equipment	Aerospace/Defense	12,877	51,046	3	91	78	D-
MONC.IT	Moncler	Italy	Consumer Cyclical	Apparel-Clothing Mfg	15,173	34,927	6	92	22	E
SPM.IT	Saipem	Italy	Energy	Oil&Gas-Drilling	4,018	51,794	4	77	67	C-
AMP.IT	Amplifon	Italy	Health Care	Medical-Systems/Equip	6,829	20,049	5	78	25	E
UC@N.JP	Shin-Etsu Chemical	Japan	Basic Material	Chemicals-Specialty	81,006	2,41,954	2	62	60	D-
NSSM.JP	Nippon Stl.& Sumit.Mtl.	Japan	Basic Material	Steel-Producers	20,787	1,04,859	5	44	22	E
NPPT.JP	Nippon Paint Holdings	Japan	Basic Material	Chemicals-Paints	14,437	25,390	6	82	10	E
AC@N.JP	Asahi Kasei	Japan	Basic Material	Chemicals-Specialty	10,181	35,124	5	52	60	D-

Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
JFEH.JP	Jfe Holdings	Japan	Basic Material	Steel-Producers	8,320	68,815	8	27	13	E
BS@N.JP	Kobe Steel	Japan	Basic Material	Steel-Producers	4,598	41,088	7	54	20	E
TSHC.JP	Tosoh	Japan	Basic Material	Chemicals-Specialty	4,219	13,961	6	65	35	D+
SW@N.JP	Showa Denko Kk	Japan	Basic Material	Chemicals-Specialty	4,050	42,009	3	65	60	C
JS@N.JP	Mitsubishi Gas Chm.	Japan	Basic Material	Chemicals-Specialty	3,963	14,186	4	29	70	D
NV@N.JP	Yamato Kogyo	Japan	Basic Material	Steel-Producers	3,215	11,295	8	85	32	E
MG@N.JP	Mitsui Mng.& Smelt.	Japan	Basic Material	Mining-Metal Ores	1,789	15,945	6	75	47	C-
KEYE.JP	Keyence	Japan	Capital Equipment	Machinery-Mtl Hdlg/Autmn	1,12,474	2,71,551	6	81	57	D+
ZJ@N.JP	Mitsubishi	Japan	Capital Equipment	Diversified Operations	83,563	2,18,202	6	86	60	D+
UJ@N.JP	Sumitomo	Japan	Capital Equipment	Diversified Operations	26,959	64,979	6	48	32	D-
DU@N.JP	Fanuc	Japan	Capital Equipment	Machinery-Mtl Hdlg/Autmn	26,616	88,848	7	54	27	D
KM@N.JP	Komatsu	Japan	Capital Equipment	Machinery-Constr/Mining	25,587	1,18,334	8	68	25	D-
NDEN.JP	Nidec	Japan	Capital Equipment	Electrical-Power/Equipmt	24,215	1,24,952	5	33	30	E
TYTS.JP	Toyota Tsusho	Japan	Capital Equipment	Diversified Operations	19,334	37,189	8	85	18	D
CQ@N.JP	Kyocera	Japan	Capital Equipment	Electrical-Power/Equipmt	18,248	50,698	7	52	27	D-
KU@N.JP	Kubota	Japan	Capital Equipment	Machinery-Constr/Mining	16,540	44,000	7	84	32	D
KC@N.JP	Kajima	Japan	Capital Equipment	Bldg-Heavy Construction	9,805	28,630	5	56	60	C
NIIW.JP	Sojitz	Japan	Capital Equipment	Diversified Operations	5,098	32,164	6	91	25	E
HSZK.JP	Hoshizaki	Japan	Capital Equipment	Machinery-Gen Industrial	4,783	19,937	5	53	25	C
GT@N.JP	Kurita Water Ind.	Japan	Capital Equipment	Pollution Control	4,473	14,114	4	75	30	C-
OJIH.JP	Oji Holdings	Japan	Capital Equipment	Containers/Packaging	4,105	17,139	3	30	44	D-
KI@N.JP	Ngk Insulators	Japan	Capital Equipment	Machinery-Gen Industrial	4,048	11,217	5	76	41	D-
AM@N.JP	Amada Holdings	Japan	Capital Equipment	Machinery-Gen Industrial	3,418	15,601	7	58	18	D-
LO@N.JP	Nippon Elec.Glass	Japan	Capital Equipment	Electrical-Power/Equipmt	2,235	12,147	6	73	57	D+
JORT.JP	Organo	Japan	Capital Equipment	Pollution Control	2,119	13,256	4	98	73	D+
HO@N.JP	Honda Motor	Japan	Consumer Cyclical	Auto Manufacturers	55,356	2,53,173	9	91	25	E
BR@N.JP	Bridgestone	Japan	Consumer Cyclical	Auto/Truck-Tires & Misc	27,074	69,022	8	88	18	D-
JRCE.JP	Central Japan Railway	Japan	Consumer Cyclical	Leisure-Services	24,149	52,834	6	51	32	D-
IX@N.JP	Suzuki Motor	Japan	Consumer Cyclical	Auto Manufacturers	21,176	62,705	5	96	35	D-
IM@N.JP	Isuzu Motors	Japan	Consumer Cyclical	Auto Manufacturers	10,589	34,873	6	61	64	D-
WJR.JP	West Japan Railway	Japan	Consumer Cyclical	Leisure-Services	9,258	39,186	6	16	25	E
ZQ@N.JP	Aisin Seiki	Japan	Consumer Cyclical	Auto/Truck-Original Eqp	9,087	65,974	6	22	27	D+
YM@N.JP	Yamaha Motor	Japan	Consumer Cyclical	Leisure-Products	9,017	49,831	8	80	25	E
EK@N.JP	Sekisui Chemical	Japan	Consumer Cyclical	Bldg-Resident/Comml	6,815	17,413	4	57	60	D-
AG@N.JP	AGC Inc	Japan	Consumer Cyclical	Bldg-Constr Prds/Misc	6,687	29,706	6	4	13	E
KS@N.JP	Ngk Spark Plug	Japan	Consumer Cyclical	Auto/Truck-Original Eqp	5,539	26,184	6	94	44	D-
PF@N.JP	Koito Manufacturing	Japan	Consumer Cyclical	Auto/Truck-Original Eqp	4,310	30,214	6	14	27	D-

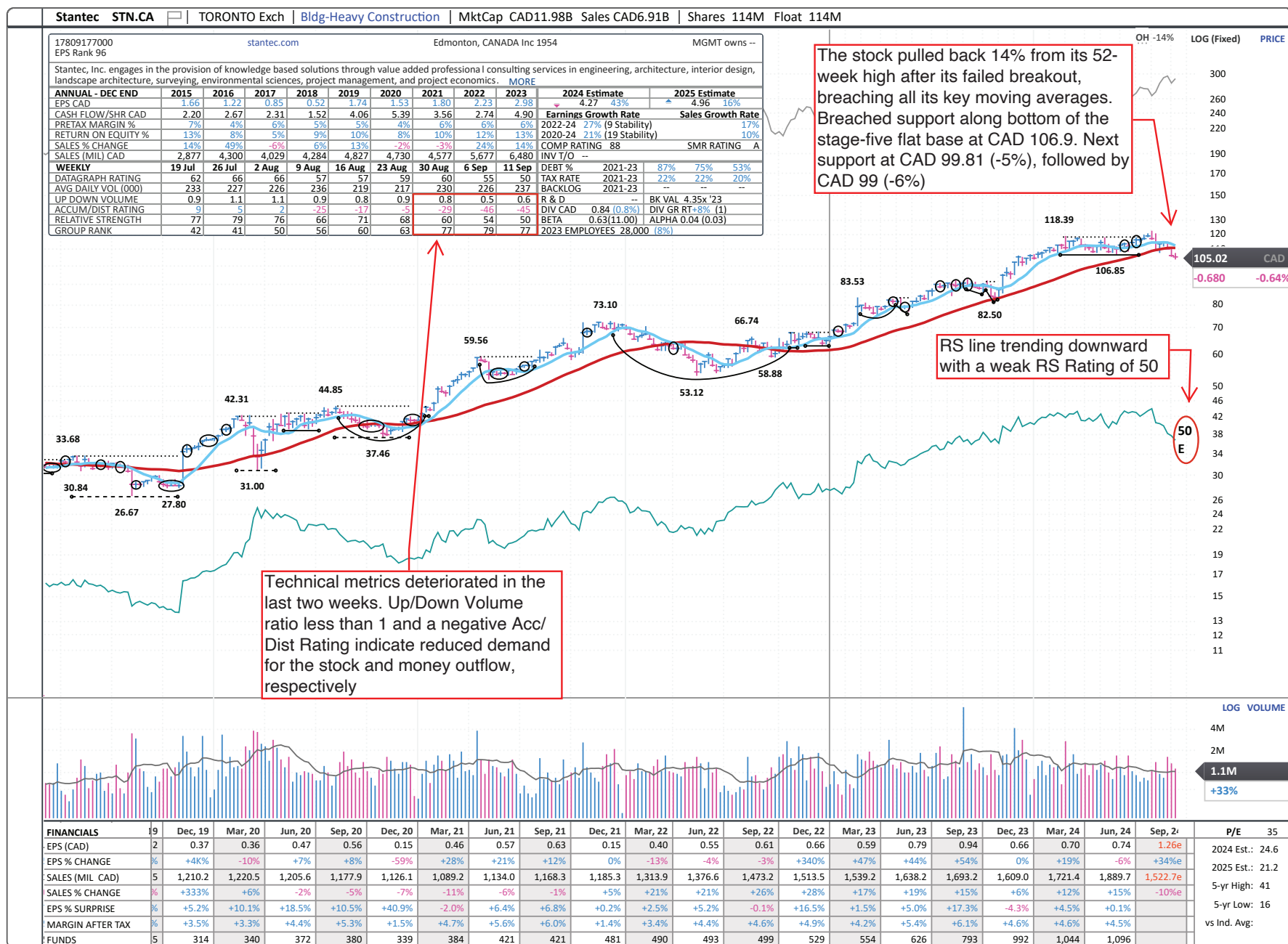
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
YORU.JP	Yokohama Rubber	Japan	Consumer Cyclical	Auto/Truck-Tires & Misc	3,698	16,646	7	93	25	C-
LIXI.JP	Lixil Group	Japan	Consumer Cyclical	Bldg-Constr Prds/Misc	3,435	18,704	4	3	50	E
SURI.JP	Sumitomo Rubber Inds.	Japan	Consumer Cyclical	Auto/Truck-Tires & Misc	2,782	11,934	7	71	27	D
OC@N.JP	Taiheiyo Cement	Japan	Consumer Cyclical	Bldg-Constr Prds/Misc	2,574	13,323	5	75	38	E
NSKC.JP	Nsk	Japan	Consumer Cyclical	Auto/Truck-Original Eqp	2,484	10,164	6	43	30	E
TJ@N.JP	Teijin	Japan	Consumer Cyclical	Apparel-Clothing Mfg	1,875	10,424	4	67	41	D-
AJ@N.JP	Ajinomoto	Japan	Consumer Staple	Food-Misc Preparation	19,850	56,420	5	58	50	E
ASBR.JP	Asahi Group Holdings	Japan	Consumer Staple	Beverages-Alcoholic	19,521	66,925	6	66	53	D-
KN@N.JP	Kikkoman	Japan	Consumer Staple	Food-Misc Preparation	10,987	31,354	7	97	27	E
NIFP.JP	Nissin Foods Holdings	Japan	Consumer Staple	Food-Packaged	8,361	25,971	5	71	27	E
KOBS.JP	Kobayashi Pharmaceutical	Japan	Consumer Staple	Soap & Clng Preparatns	3,022	29,467	4	16	30	C
JE@N.JP	Iwatani	Japan	Energy	Oil&Gas-Refining/Mktg	3,317	14,295	2	94	60	D-
CHBK.JP	Chiba Bank	Japan	Financial	Banks-Money Center	6,578	24,806	6	67	35	D+
KYTB.JP	Bank Of Kyoto	Japan	Financial	Banks-Money Center	4,559	11,744	7	38	22	D-
JTER.JP	Japan Airport Term.	Japan	Financial	Real Estate Dvlpmt/Ops	3,293	12,412	6	61	16	D+
AMCL.JP	Ichigo	Japan	Financial	Real Estate Dvlpmt/Ops	1,107	2,036	3	99	47	C
TERU.JP	Terumo	Japan	Health Care	Medical-Systems/Equip	27,281	73,066	1	84	64	D-
PS@N.JP	Ono Pharm.	Japan	Health Care	Medical-Generic Drugs	6,756	23,805	4	73	12	E
MAYI.JP	Matsumotokiyoshi Hdg.	Japan	Retail	Retail-Drug Stores	6,593	25,180	5	69	41	D+
TKOS.JP	Takashimaya	Japan	Retail	Retail-Department Stores	2,544	30,193	5	54	44	E
SSHI.JP	Sushiro Global Hdg.	Japan	Retail	Retail-Restaurants	2,084	28,396	6	49	32	D+
SAIZ.JP	Saizeriya	Japan	Retail	Retail-Restaurants	1,820	25,438	8	88	50	D-
NTT.JP	Nippon Telg. & Tel.	Japan	Technology	Telecom Svcs-Integrated	95,346	2,07,668	6	72	35	E
NXCL.JP	Nexon	Japan	Technology	Computer Sftwr-Gaming	16,271	53,899	4	42	50	D
IF@N.JP	Nitto Denko	Japan	Technology	Elec-Semiconductor Mfg	11,416	57,374	7	98	47	D
SOIO.JP	Shinko Elec.Inds.	Japan	Technology	Elec-Semiconductor Mfg	5,290	30,587	5	91	50	D-
HZ@N.JP	Jeol	Japan	Technology	Elec-Scientific/Msrng	1,946	13,609	7	99	27	C-
NY@N.JP	Nippon Yusen Kk	Japan	Transportation	Transportation-Ship	15,064	1,82,117	5	90	77	D
JAPL.JP	Japan Airlines	Japan	Transportation	Transportation-Airline	7,432	49,239	5	8	25	E
NX@N.JP	Nippon Express Holdings Inc	Japan	Transportation	Transportation-Logistics	4,491	33,059	5	14	38	D+
TZ@N.JP	Tokyo Gas	Japan	Utility	Utility-Gas Distribution	9,431	35,502	5	41	50	E
CL@N.JP	Chubu Elec.Power	Japan	Utility	Utility-Electric Power	9,179	26,976	4	8	25	D-
CU@N.JP	Chugoku Elec.Power	Japan	Utility	Utility-Electric Power	2,686	12,954	7	13	38	D-
MT.NL	Arcelormittal	Netherlands	Basic Material	Steel-Producers	18,496	53,461	4	11	9	E
ALLFG.NL	Allfunds Group	Netherlands	Financial	Financial Svcs-Specialty	3,519	3,418	4	24	13	D
UNMG.NL	Universal Music Group	Netherlands	Technology	Internet-Content	47,052	40,497	7	85	13	D
AIAY.NZ	Auckland Intl.Airport	New Zealand	Financial	Real Estate Dvlpmt/Ops	6,800	4,531	4	10	29	C+

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YARA.NO	Yara International	Norway	Basic Material	Chemicals-Agricultural	7,003	12,975	4	38	34	D
NHY.NO	Norsk Hydro	Norway	Capital Equipment	Metal Proc & Fabrication	10,639	19,213	5	24	38	C-
KEPP.SG	Keppel Corporation	Singapore	Capital Equipment	Diversified Operations	8,639	18,338	5	47	24	C
EZYH.SG	Wilmar Intl.	Singapore	Consumer Staple	Food-Misc Preparation	15,315	10,911	3	78	36	D+
CITY.SG	City Developments	Singapore	Financial	Real Estate Dvlpmnt/Ops	3,708	6,294	4	61	23	C+
BOL.SE	Boliden Ord Shs	Sweden	Basic Material	Mining-Metal Ores	7,635	27,842	5	80	41	D-
SR@G.SE	Atlas Copco A	Sweden	Capital Equipment	Machinery-Gen Industrial	56,877	49,856	3	93	50	D-
VOBF.SE	Volvo B	Sweden	Capital Equipment	Trucks & Parts-Hvy Duty	38,261	59,523	6	95	44	E
SAND.SE	Sandvik	Sweden	Capital Equipment	Machinery-Gen Industrial	24,387	32,028	5	55	39	E
ACBF.SE	Atlas Copco B	Sweden	Capital Equipment	Machinery-Gen Industrial	23,349	18,160	3	93	53	C-
EPIA.SE	Epiroc A	Sweden	Capital Equipment	Machinery-Constr/Mining	14,931	12,605	4	65	37	C+
SKFB.SE	Skf B	Sweden	Capital Equipment	Machinery-Gen Industrial	7,370	17,282	6	43	30	E
EVOG.SE	Evolution	Sweden	Consumer Cyclical	Leisure-Gaming/Equip	20,530	50,744	5	96	30	E
HMBF.SE	Hennes & Mauritz B	Sweden	Retail	Retail-Apparel/Shoes/Acc	21,416	31,064	3	87	38	D-
CLN.CH	Clariant	Switzerland	Basic Material	Chemicals-Specialty	4,817	10,304	4	18	13	D-
VACN.CH	Vat Group	Switzerland	Capital Equipment	Metal Proc & Fabrication	14,088	31,443	7	91	13	E
SIGN.CH	Sig Group N	Switzerland	Capital Equipment	Containers/Packaging	7,520	13,499	3	84	9	C-
CFR.CH	Richemont N	Switzerland	Consumer Cyclical	Apparel-Clothing Mfg	75,188	97,348	4	99	9	E
NESN.CH	Nestle 'N'	Switzerland	Consumer Staple	Food-Misc Preparation	2,71,497	2,98,315	3	46	10	D-
UBSG.CH	Ubs Group	Switzerland	Financial	Banks-Money Center	99,501	1,21,020	7	59	14	E
GREEN.CH	Csui.Rlst.Fd.Grn. Pr.A	Switzerland	Financial	Real Estate Dvlpmnt/Ops	2,701	1,085	3		26	D+
TECN.CH	Tecan 'R'	Switzerland	Health Care	Medical-Systems/Equip	4,249	9,932	5	30	8	D+
AVOL.CH	Avolta Ag	Switzerland	Retail	Retail-Specialty	5,788	10,374	5	69	11	E
LOGN.CH	Logitech 'R'	Switzerland	Technology	Computer-Hardware/Perip	13,919	40,999	8	91	9	E
KNIN.CH	Kuehne Und Nagel International	Switzerland	Transportation	Transportation-Logistics	35,432	34,284	4	45	19	E
GLEN.GB	Glencore	United Kingdom	Basic Material	Mining-Metal Ores	57,613	1,75,860	7	14	11	E
AAL.GB	Anglo American	United Kingdom	Basic Material	Mining-Metal Ores	34,863	87,999	5	15	28	D-
CRDA.GB	Croda International	United Kingdom	Basic Material	Chemicals-Specialty	7,104	17,840	4	38	13	C+
ABF.GB	Associated Brit.Foods	United Kingdom	Capital Equipment	Diversified Operations	20,993	24,858	5	92	20	E
WPP.GB	Wpp	United Kingdom	Capital Equipment	Comml Svcs-Advertising	10,313	22,887	4	69	30	D+
MNDI.GB	Mondi	United Kingdom	Capital Equipment	Containers/Packaging	8,049	19,384	4	34	38	D+
IHG.GB	Icrl.Htls.Gp.	United Kingdom	Consumer Cyclical	Leisure-Lodging	15,982	31,244	7	87	54	D+
BDEV.GB	Barratt Developments	United Kingdom	Consumer Cyclical	Bldg-Resident/Comml	9,376	59,119	4	26	38	D-
DGE.GB	Diageo	United Kingdom	Consumer Staple	Beverages-Alcoholic	70,439	1,02,458	4	58	15	D-
SHEL.GB	Shell (Lon)	United Kingdom	Energy	Oil&Gas-Integrated	2,04,072	3,00,036	6	92	26	E
BP.GB	Bp	United Kingdom	Energy	Oil&Gas-Integrated	84,677	1,79,977	4	17	13	E
HVPE.GB	Harbourvest Global	United Kingdom	Financial	Finance-Investment Mgmt	2,292	3,436	3	19	30	C-

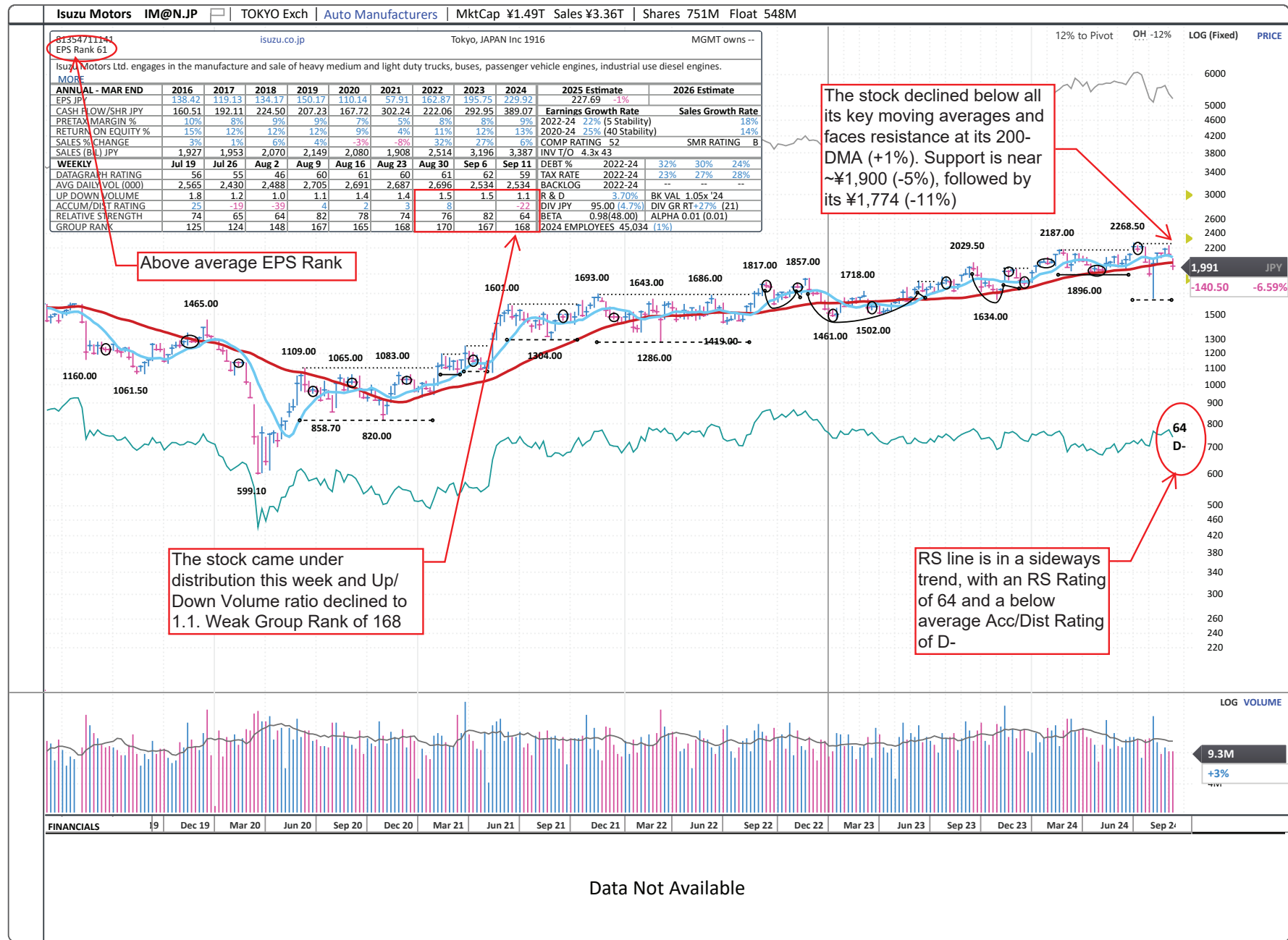
Global Laggards

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ATT.GB	Allianz Technology Tst.	United Kingdom	Financial	Finance-Investment Mgmt	1,654	4,299	5	65	48	E
CTEC.GB	Convatec Group	United Kingdom	Health Care	Medical-Systems/Equip	6,142	15,730	5	94	20	D+
FERG.GB	Ferguson Enterprises	United Kingdom	Retail	Retail/Whlsle-Bldg Prds	37,520	18,003	5	93	26	E
SGE.GB	Sage Group	United Kingdom	Technology	Comp Sftwr-Spec Enterprs	13,040	27,307	5	90	18	D

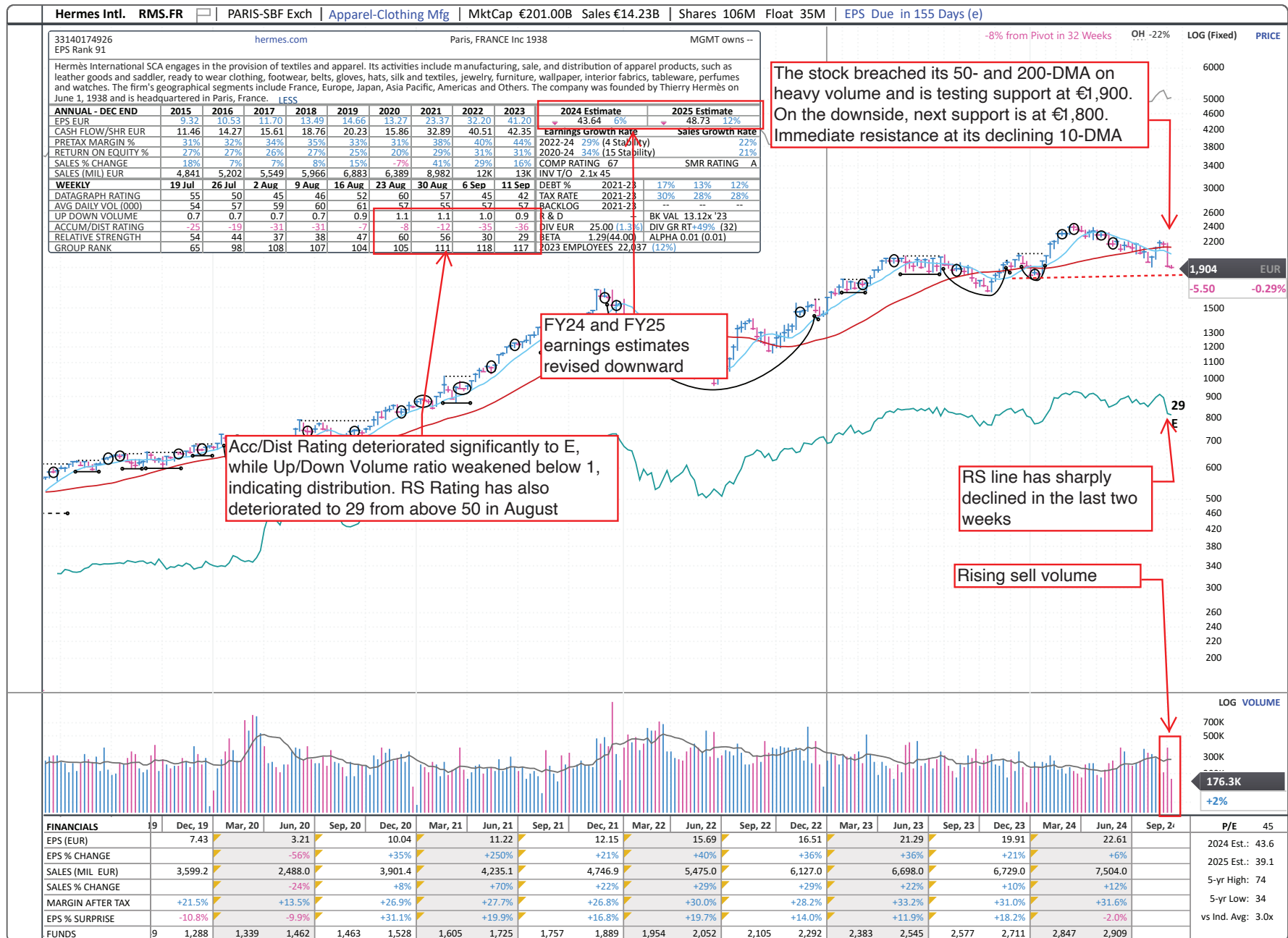
Developed — Capital Equipment — Highlighted Laggard



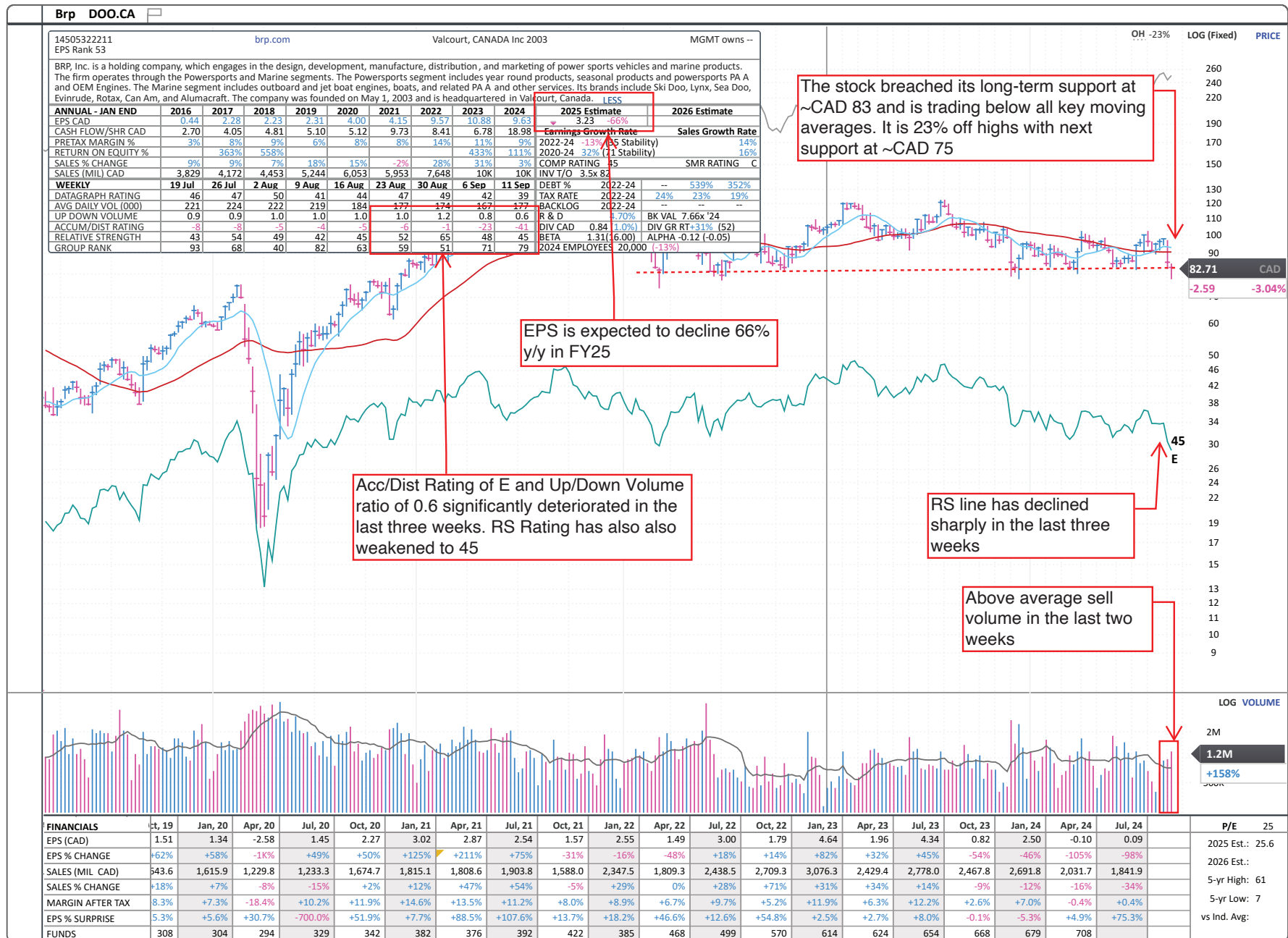
Developed — Consumer Cyclical — Highlighted Laggard



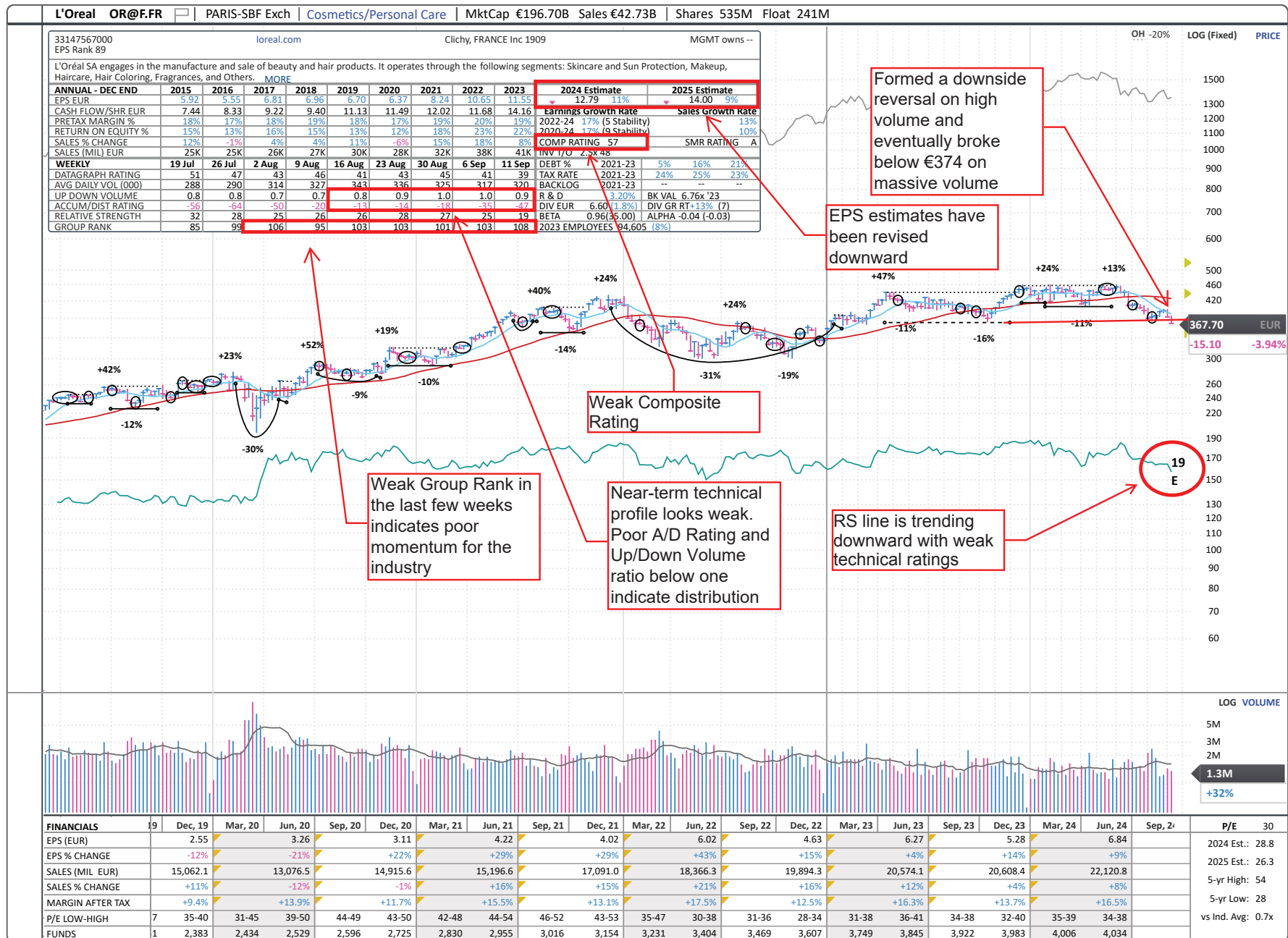
Developed — Consumer Cyclical — Highlighted Laggard



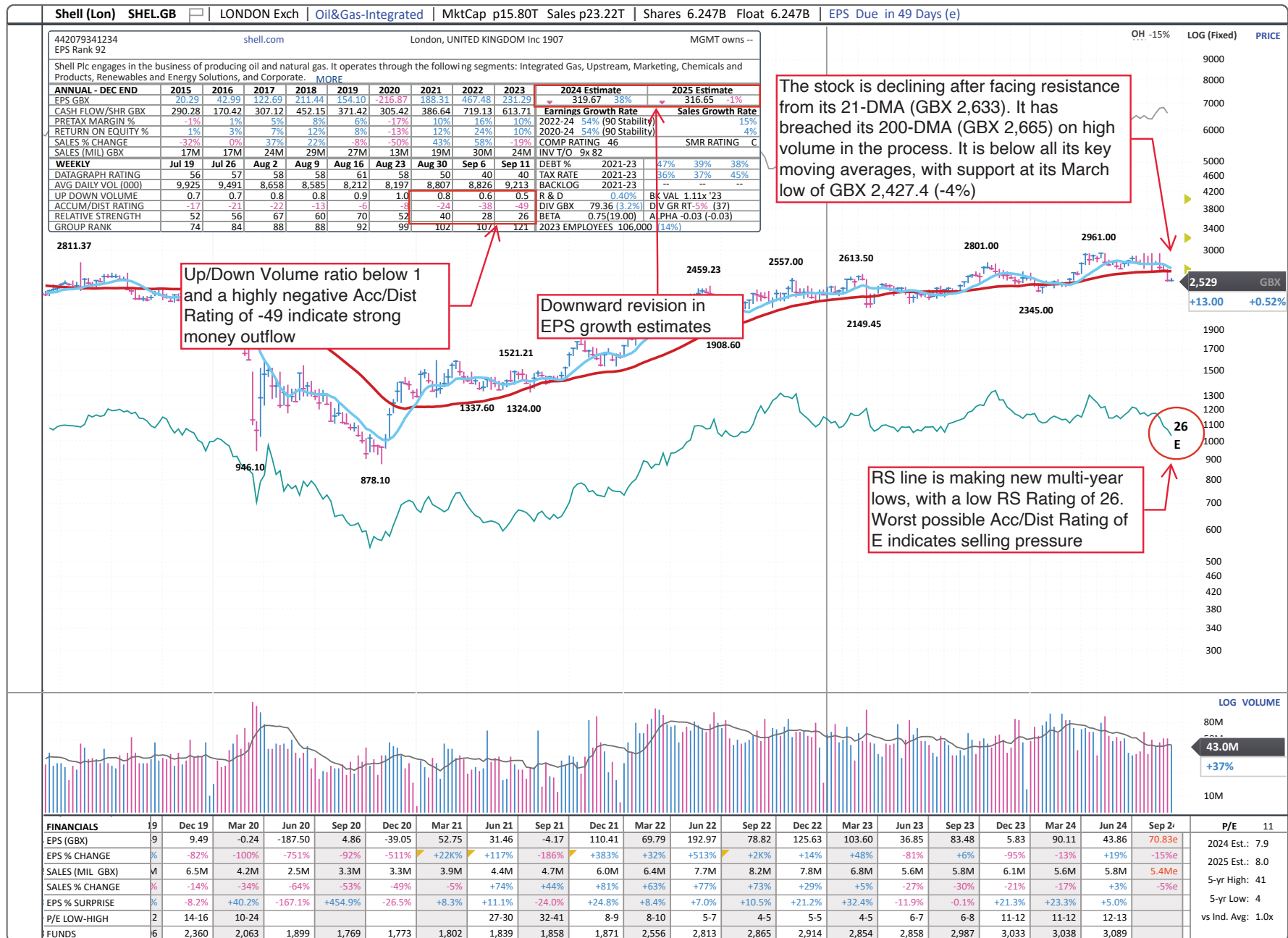
Developed — Consumer Cyclical — Highlighted Laggard



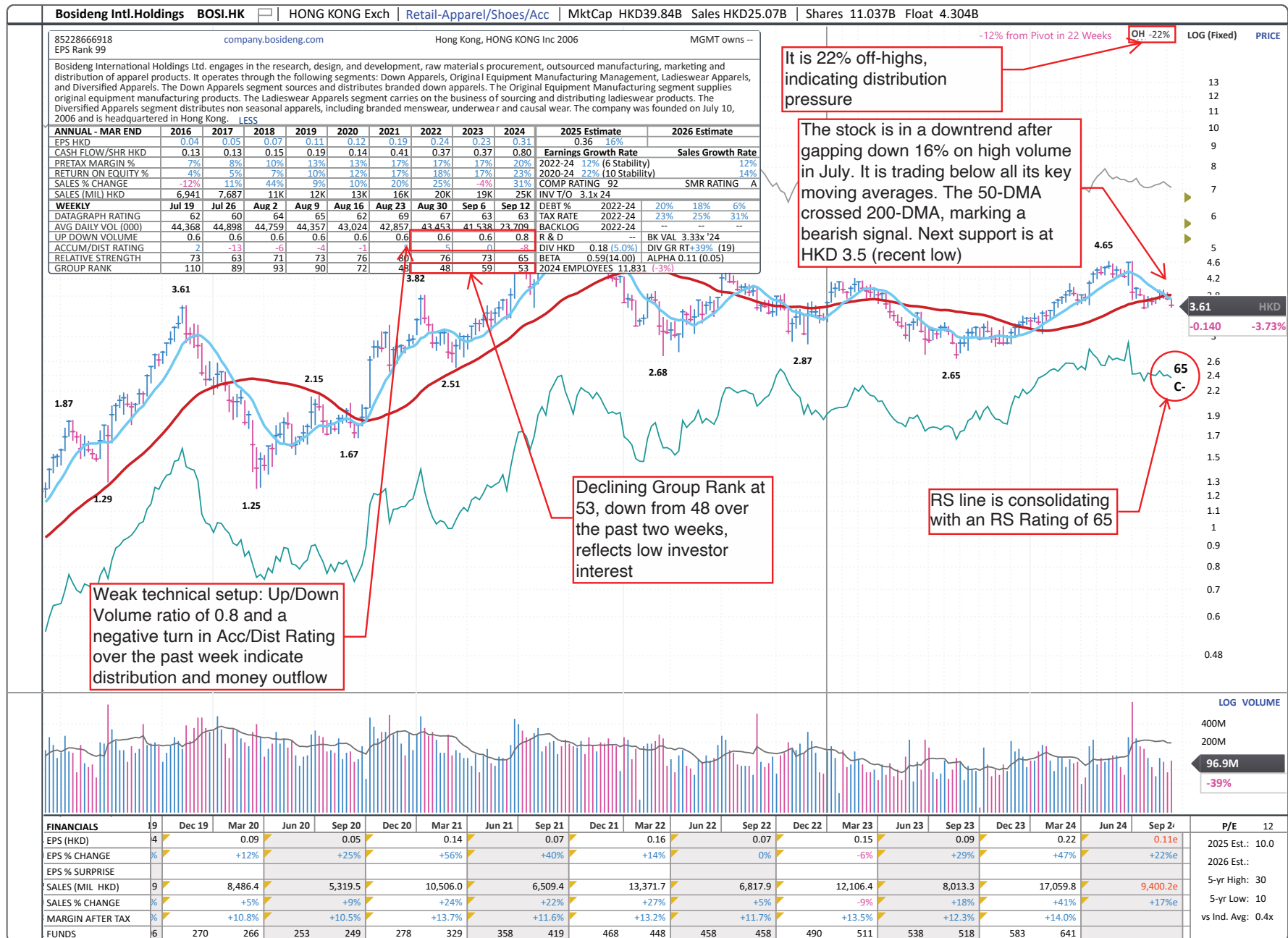
Developed — Consumer Staple — Highlighted Laggard



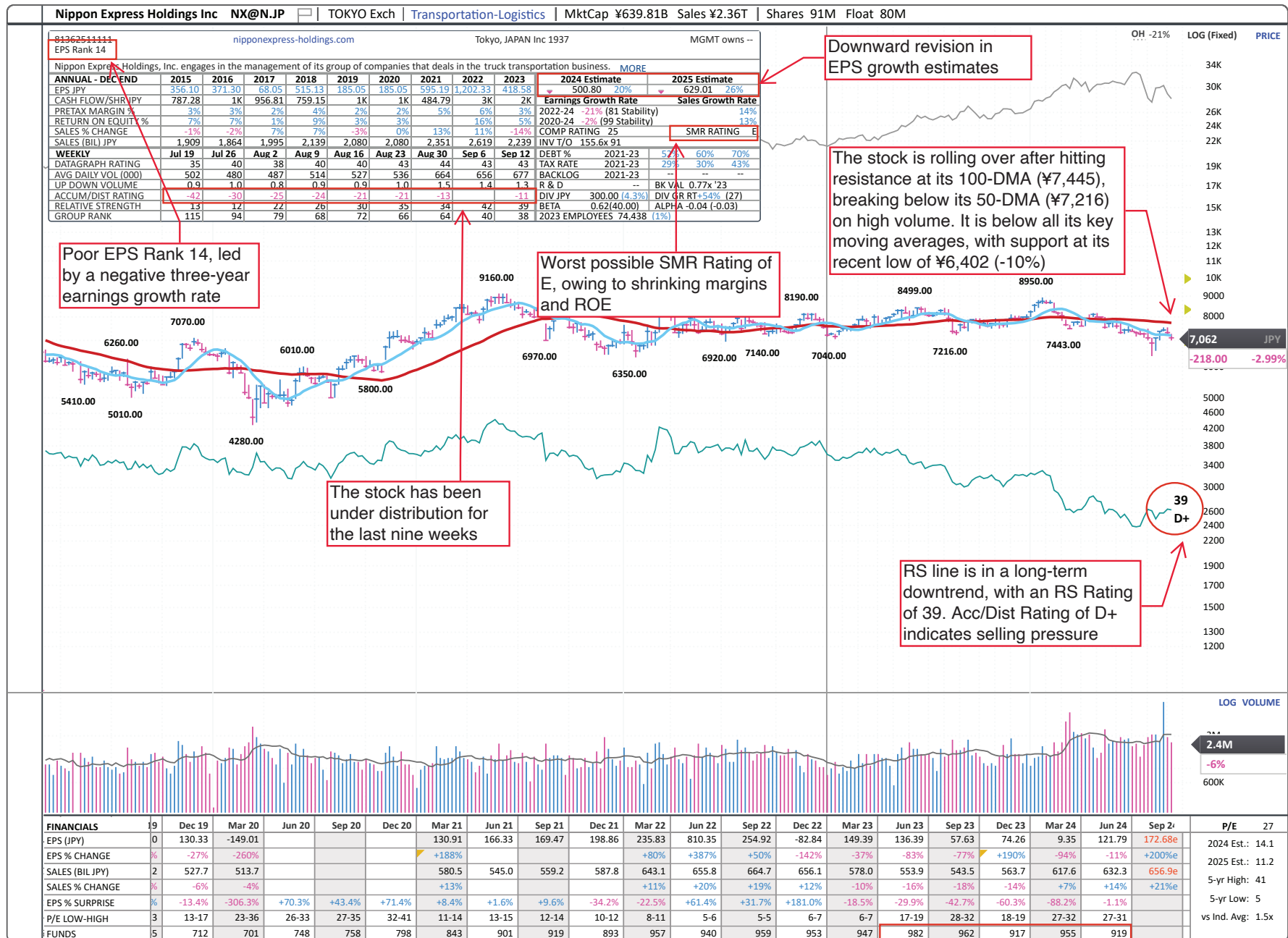
Developed — Energy — Highlighted Laggard



Developed — Retail — Highlighted Laggard



Developed — Transportation — Highlighted Laggard



Emerging Markets

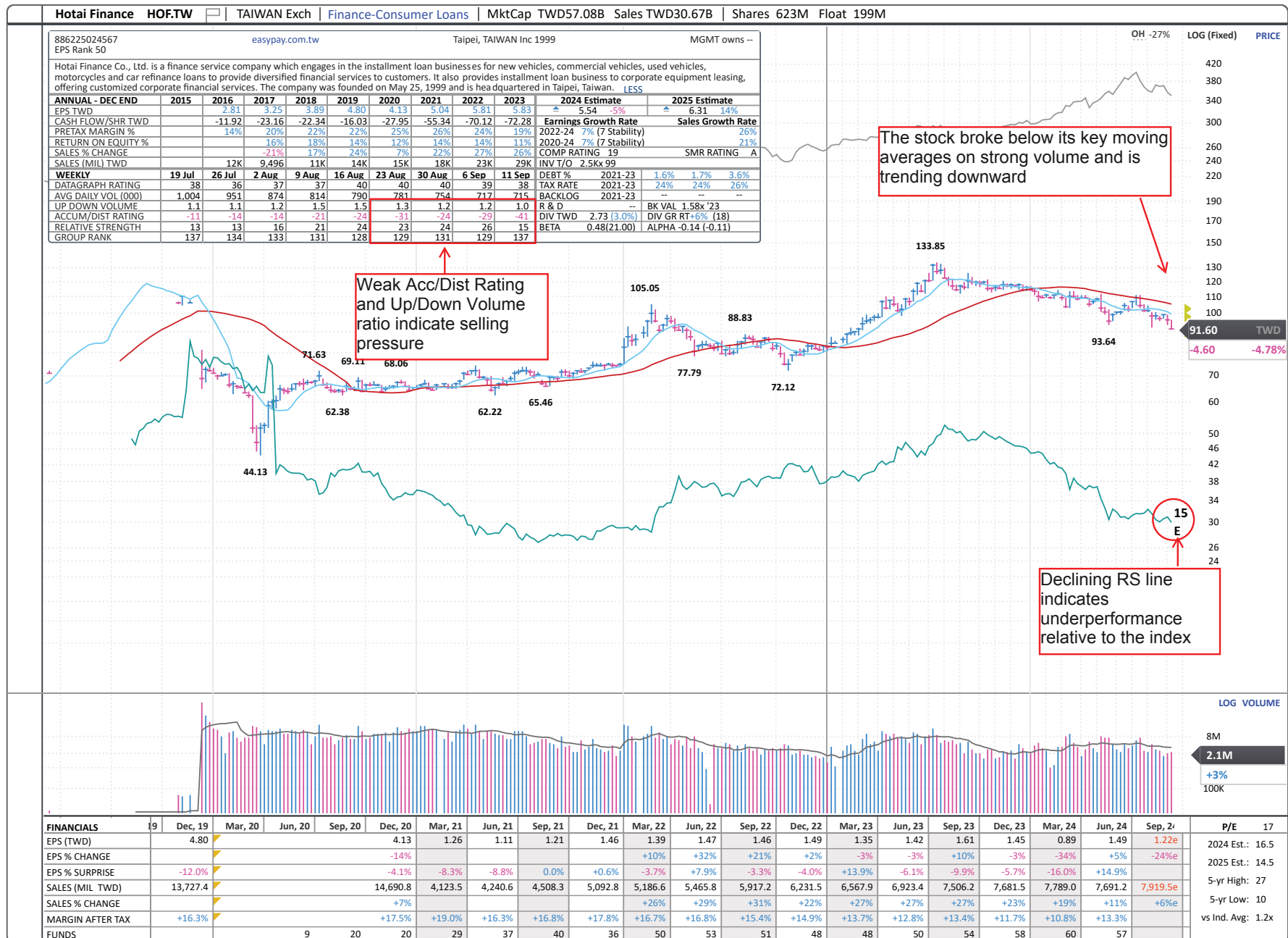
Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
SED.BR	Smartfit Escola De Ginastica E Danca On	Brazil	Consumer Cyclical	Leisure-Services	2,362	11,197	7	20	34	D-
NTC.BR	Natura Cosmeticos On	Brazil	Consumer Staple	Cosmetics/Personal Care	3,421	19,600	7	12	15	D
HRT.BR	Petro Rio On	Brazil	Energy	Oil&Gas-Intl Expl&Prod	6,703	62,014	4	94	25	D
BPC.BR	Bco Btg Pactual Unt	Brazil	Financial	Finance-Invest Bnk/Bkrs	20,605	52,989	4	63	47	D+
ADE.IN	Adani Enterprises (Nse)	India	Basic Material	Mining-Metal Ores	39,892	57,087	5	85	22	C
TIS.IN	Tata Steel	India	Basic Material	Steel-Producers	22,032	73,962	5	30	18	D-
SHR.IN	Shree Cement	India	Basic Material	Bldg-Cement/Concrt/Ag	11,008	16,620	6	42	15	C-
NMR.IN	Nmdc	India	Basic Material	Mining-Metal Ores	7,218	22,594	4	55	23	D-
SAI.IN	Steel Auth.Of Ida. (Nse)	India	Basic Material	Steel-Producers	6,247	37,471	4	42	28	C
AID.IN	Aarti Industries (Nse)	India	Basic Material	Chemicals-Specialty	2,464	14,045	5	52	13	D+
PUJ.IN	Punjab National Bank	India	Financial	Banks-Money Center	14,094	35,730	5	97	28	D
IBL.IN	Indian Bank	India	Financial	Banks-Money Center	8,182	10,162	4	94	30	D+
ZIB.IN	Idfc First Bank	India	Financial	Banks-Money Center	6,372	25,373	5	18	8	C-
BOI.IN	Bank Of India	India	Financial	Banks-Money Center	6,032	10,738	5	84	14	D+
IDF.IN	IDFC	India	Financial	Financial Svcs-Specialty	2,060	6,833	4	9	12	D-
RB2.IN	RBL Bank	India	Financial	Banks-Money Center	1,517	19,542	6	43	6	C
ES1.IN	Equitas Small Finance Bank	India	Financial	Finance-Commercial Loans	1,104	5,215	7	48	7	C-
LTA.IN	Tanla Platforms	India	Technology	Telecom Svcs-Wireless	1,494	11,248	3	73	17	D
CNC.IN	Container Corp.Of India	India	Transportation	Transportation-Logistics	6,800	24,559	4	65	24	D-
JMP.ID	Jasa Marga	Indonesia	Financial	Real Estate Dvlpmt/Ops	2,302	1,983	2	94	49	D
109.KW	Boubyan Bank	Kuwait	Financial	Banks-Money Center	7,978	3,914	3	68	37	D+
205.KW	Kuwait Inv.Prjs.	Kuwait	Financial	Banks-Money Center	1,645	2,753	4	69	4	E
IOIP.MY	loi Properties Group	Malaysia	Financial	Real Estate Dvlpmt/Ops	2,447	2,697	3	97	55	C
FMU.MX	Fomento Economico Mexicano	Mexico	Consumer Staple	Beverages-Non-Alcoholic	21,495	26,285	6	84	27	E
VES.MX	Corporacion Inmobiliaria Vesta	Mexico	Financial	Real Estate Dvlpmt/Ops	2,335	5,903	5	82	14	E
GMK.RU	Mmc Norilsk Nickel	Russia	Basic Material	Mining-Metal Ores	23,568	20,138	2	89	21	C
RSF.RU	Oc Rosneft	Russia	Energy	Oil&Gas-Integrated	65,813	22,533	2	64	51	D+
TAT.RU	Tatneft	Russia	Energy	Oil&Gas-Integrated	16,647	14,528	2	90	68	D-
SNG.RU	Surgutneftegas	Russia	Energy	Oil&Gas-Integrated	11,434	26,378	2	49	51	D
TGH.RU	Tcs Holding	Russia	Financial	Banks-Money Center	10,516	39,993	2		25	D+
GKS.RU	Gk Samolet	Russia	Financial	Real Estate Dvlpmt/Ops	2,615	9,069	2	32	25	D+
BIC.SA	Saudi Basic Industries	Saudi Arabia	Basic Material	Chemicals-Specialty	57,809	41,892	4	28	35	D
SIP.SA	Sahara Intl. Petroch.	Saudi Arabia	Basic Material	Chemicals-Specialty	5,394	10,413	4	18	14	D+
ALN.SA	Alinma Bank	Saudi Arabia	Financial	Banks-Money Center	19,523	41,651	5	88	48	E

Symbol	Name	Trading Country	Sector Name	Industry Group Name	Market Value, USD (Mil)	Avg Daily Dollar Vol (000), USD	Negative Alert Score, 10 Wks	EPS Rank	RS Rating	A/D Rating
BUP.SA	Bupa Arabia For Coop.In.	Saudi Arabia	Financial	Insurance-Acc & Health	8,595	7,816	4	82	45	C
JAB.SA	Jabal Omar Development	Saudi Arabia	Financial	Real Estate Dvlpmt/Ops	7,434	15,462	4	62	48	C-
EEC.SA	Etihad Etisalat Co.	Saudi Arabia	Technology	Telecom Svcs-Wireless	10,056	12,980	4	94	56	D
APNJ.ZA	Aspen Phmc.R.Hdg.	South Africa	Health Care	Medical-Generic Drugs	4,762	11,370	4	43	13	E
HDR.KR	Hyundai Motor	South Korea	Consumer Cyclical	Auto Manufacturers	36,141	1,34,504	2	94	78	D-
KAM.KR	Kia Corporation	South Korea	Consumer Cyclical	Auto Manufacturers	29,477	77,176	4	95	66	C-
HAC.KR	Hyundai Mobis	South Korea	Consumer Cyclical	Auto/Truck-Original Eqp	14,769	24,427	3	86	59	C-
SEP.KR	Samsung Eln.Pref.	South Korea	Technology	Telecom-Consumer Prods	32,688	63,770	5	95	49	D-
SEM.KR	Samsung Elto.Mechanics	South Korea	Technology	Electronic-Parts	7,284	42,390	5	87	53	D
LGO.KR	Lg Innotek	South Korea	Technology	Elec-Misc Products	4,023	29,854	3	99	70	E
LGL.KR	Lg Display	South Korea	Technology	Electronic-Parts	3,924	13,201	4	49	66	C-
HS9.KR	Hanwha Systems	South Korea	Technology	Computer Sftwr-Desktop	2,628	36,069	4	13	89	D+
CST.TW	China Steel	Taiwan	Basic Material	Steel-Producers	10,119	14,173	6	55	15	E
TCM.TW	Taiwan Cement	Taiwan	Basic Material	Bldg-Cement/Concrt/Ag	7,390	16,473	3	25	34	D
PCN.TW	Pou Chen	Taiwan	Consumer Cyclical	Apparel-Shoes & Rel Mfg	3,108	12,061	3	77	58	C
TBC.TW	Taiwan Coop.Finl.Hldg.	Taiwan	Financial	Banks-Money Center	11,791	9,613	3	58	48	C-
HOF.TW	Hotai Finance	Taiwan	Financial	Finance-Consumer Loans	1,793	2,035	5	50	15	E
LOP.TW	Lotus Pharmaceutical	Taiwan	Health Care	Medical-Diversified	2,289	27,208	5	83	58	B-
CLB.TW	Center Laboratories	Taiwan	Health Care	Medical-Research Eqp/Svc	969	5,843	4	20	36	D+
MDT.TW	Mediatek	Taiwan	Technology	Elec-Semiconductor Mfg	57,391	2,42,303	3	96	68	D
QUM.TW	Quanta Computer	Taiwan	Technology	Computer-Hardware/Perip	30,359	2,19,104	3	96	59	C-
AIH.TW	Ase Technology Holding	Taiwan	Technology	Elec-Semiconductor Mfg	20,118	80,611	5	57	58	D+
WST.TW	Wistron	Taiwan	Technology	Computer-Hardware/Perip	8,937	92,069	5	97	36	D+
ADV.TW	Advantech	Taiwan	Technology	Computer-Hardware/Perip	8,675	10,208	5	45	23	D-
RES.TW	Realtek Semicon.	Taiwan	Technology	Elec-Semiconductor Mfg	8,110	39,783	4	91	51	C
LOT.TW	Lite-On Technology	Taiwan	Technology	Computer-Hardware/Perip	7,402	49,874	3	51	26	D
GWC.TW	Globalwafers	Taiwan	Technology	Elec-Semiconductor Mfg	6,833	24,120	5	35	15	D
MSI.TW	Micro-Star International	Taiwan	Technology	Computer-Hardware/Perip	4,488	22,162	7	48	39	D-
ADT.TW	Auo	Taiwan	Technology	Electronic-Parts	3,887	26,637	6	42	34	D+
WPG.TW	Wpg Holdings	Taiwan	Technology	Elec-Semiconductor Mfg	3,865	15,970	5	52	39	C
SYX.TW	Synnex Tech.Intl.	Taiwan	Technology	Computer-Hardware/Perip	3,633	10,162	5	67	36	E
SAS.TW	Sino-Amer.Silicon Prds.	Taiwan	Technology	Elec-Semiconductor Mfg	3,360	19,525	5	54	36	E
VI2.TW	Visera Technologies	Taiwan	Technology	Elec-Semiconductor Mfg	2,851	16,943	5	70	56	C
CPQ.TW	Compeq Manufacturing	Taiwan	Technology	Elec-Semiconductor Mfg	2,688	57,386	3	93	65	B-
APS.TW	Qisda	Taiwan	Technology	Computer-Hardware/Perip	2,212	11,182	4	24	20	C-
KTT.TW	Kinsus Intconn.Tech.	Taiwan	Technology	Elec-Semiconductor Mfg	1,518	61,495	4	40	70	C-
MCI.TW	Macronix Intl.	Taiwan	Technology	Elec-Semiconductor Mfg	1,476	18,140	4	2	28	D-

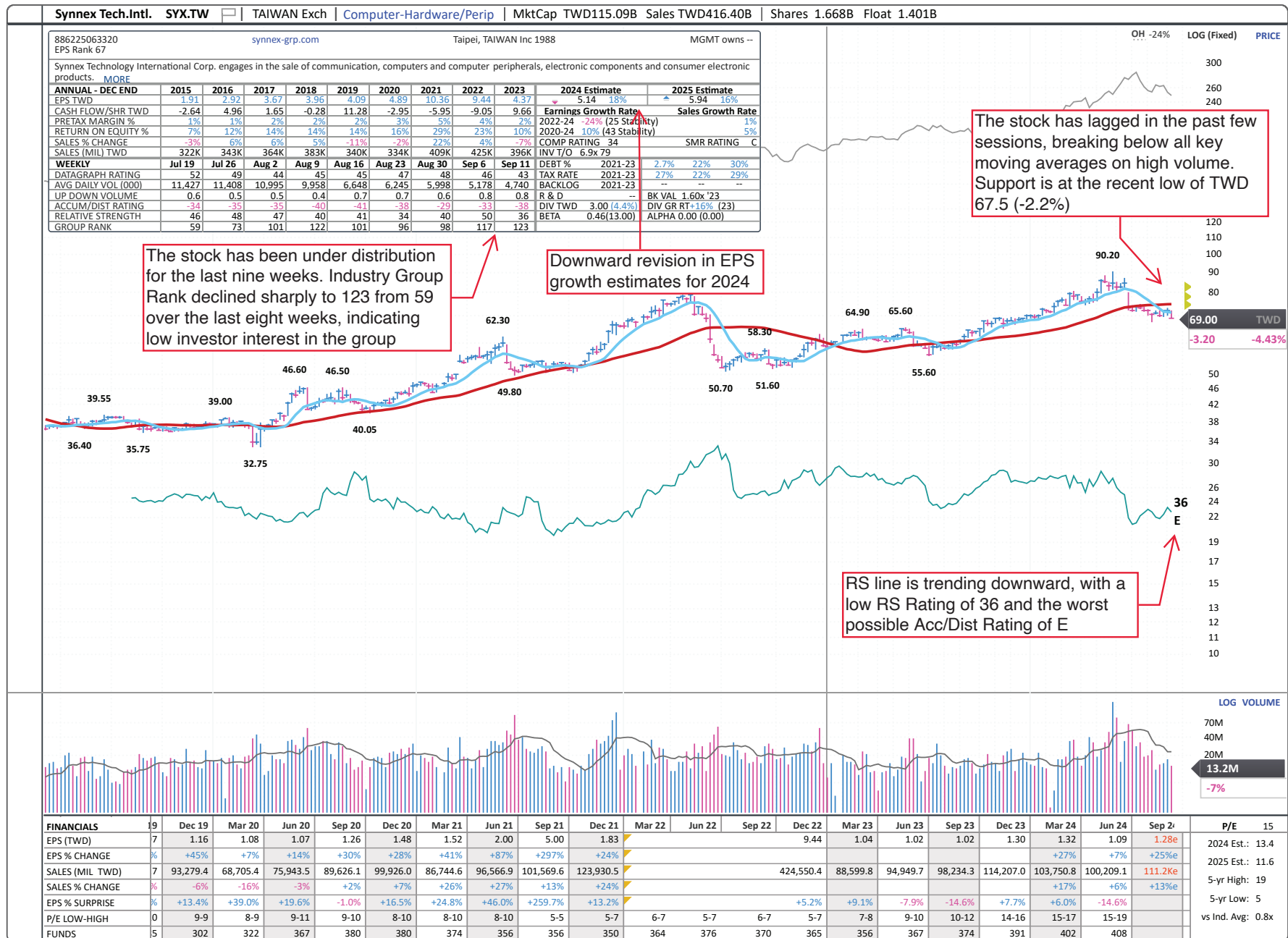
Global Laggards

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ENK.TW	Ennoconn	Taiwan	Technology	Computer-Hardware/Perip	1,226	11,416	4	55	42	D+
PTTB.TH	Ptt	Thailand	Energy	Oil&Gas-Refining/Mktg	27,986	35,188	5	87	63	D
AJM.AE	Ajman Bank	United Arab Emirates	Financial	Banks-Money Center	1,312	2,228	4	57	31	D

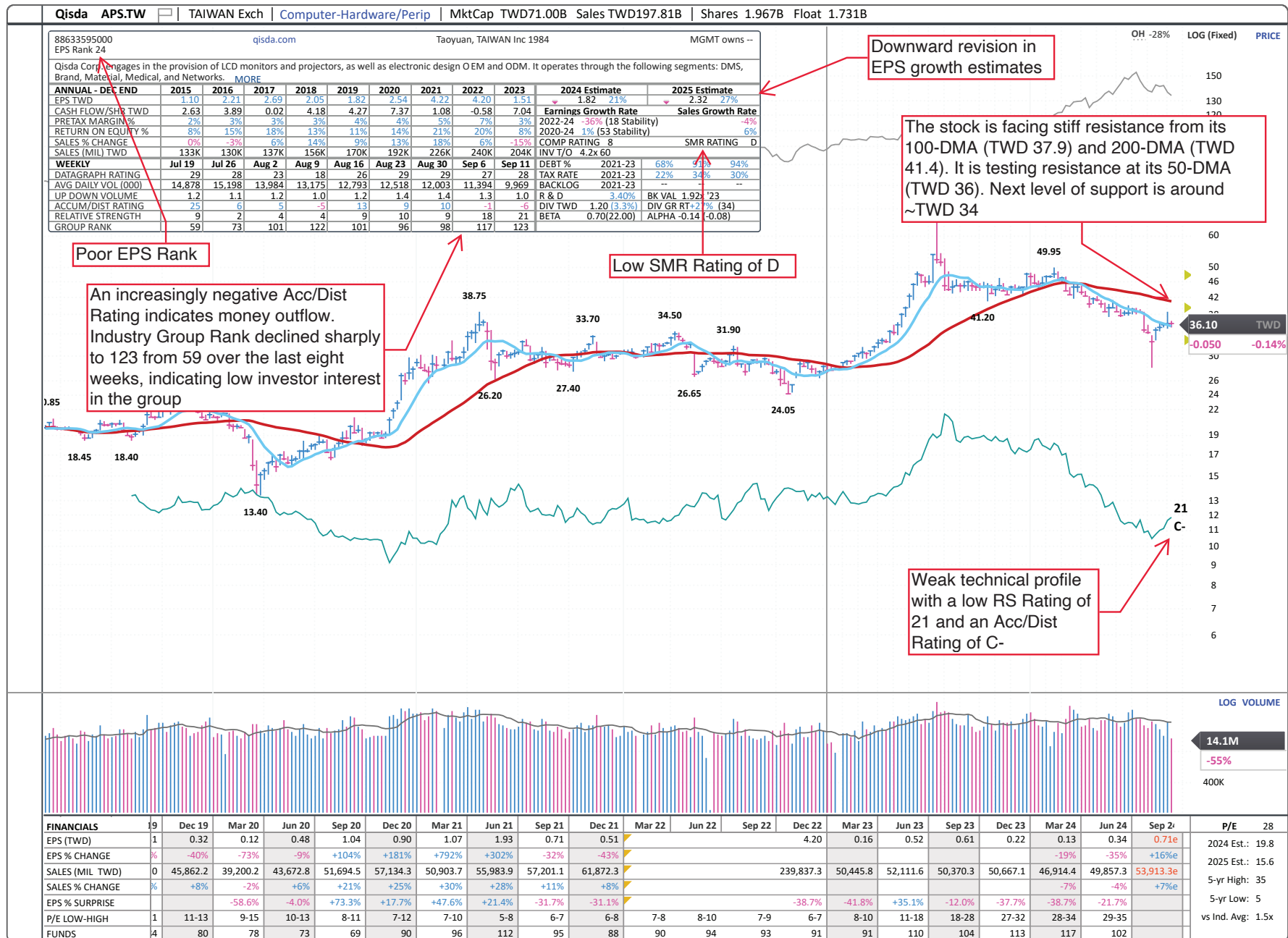
Emerging — Financial — Highlighted Laggard



Emerging — Technology — Highlighted Laggard



Emerging — Technology — Highlighted Laggard



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