



Lion Batteries Group
 1/1 Bearing Road
 Seven Hills 2147.
 Tel 02 96746322

APPLICATION CHART

TRACTORS & INDUSTRIAL EQUIPMENT

MAKE & MODEL	QTY.	HEAVY DUTY	EXTRA HEAVY DUTY
ABBEY			
AS57 Stacker	1	812	
All Other Models	1	325	
ACE EQUIPMENT			
T.C. Rollers 32, 33, 34, 44, 45, 54, 80	2	325	
SB3000	2	325	
AERO LIFT			
Fork Truck 15PH, 20PH	1	812	
AG CHEM EQUIPMENT			
Rogator 554, 856	2	387	485
Fork Truck 15PH, 20PH, Terragator 1903, 8103	2	387	485
AGCO-ALLIS (see also Deutz-Allis)			
Farm Tractors			
2004 Intrac	1		394
4650	1	357	457
4660, 5650, 5660, 6670, 6680, 6690	1	383	483
6150, 9435	1	387	485
6240, 6250, 6260, 6265, 6275, 7085, 7110, 7129, 7630, 7650, 8610, 8630	1		394
8360, 8425, 9435	3	387	485
8745, 8765, 8775, 8785, 9130, 9150, 9170, 9190, 9630, 9635, 9650, 9655, 9670, 9675, 9690, 9735, 9745, 9755, 9765, 9775, 9785, 9815	2	364	464B
D3006, D3607, D4006, D4007, D4506, D4507	1	387	485
D4807, D5206, D5207, D6206, D6207			
D6507, D6806, D6807, D7007, D7206, D7807,	1		394
D8006, D9006, D10006, DX120, DX120A, DX3.10, DX3.30, DX3.50, DX3.70, DX3.90, DX4.70, DX8.30, DX6.30, DX6.50, DX90, DX110, DX110A			
Gleaner Combines			
F2, F3, FR, R50, R42L, R52L, R60, R62L, R70, R72L	2 OR 3	364	464B
MH2, N5, N6, N7	2	382	482
ALLEN			
K52 Mk11, K64 Mk1	2	810	
Mobile Crane S184	8	812	
T6D Diesel	2	812	
T6K	2	325	
Trencher Dorman T134, Mk1, Trencher 16/60, 12/21	2	810	
Trencher, C16 14/30 Dorman	2	810	
ALLIS CHALMERS			
WHEEL Tractor			
AC, C, BC, CA, CW, D14, TB, WC, WD, WF, V, VC	1	812	
D Grader, D17, D19 Diesel	2	812	
D15, D17, D19, D270, D270D, D1	1	382	482
Forty Five	4	325	



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MAKE & MODEL	QTY.	HEAVY DUTY	EXTRA HEAVY DUTY
175, 185	2	389	485
4W220, 4W305,	2 or 4	387	485
440	2	395	495
5015, 5020, 5030,	1	364	464B
5040, 5050, 6040, 6140	1	387	485
6060, 6070, 6080, 7000, 7010, 7020, 7040, 7045, 7060, 7080, 7580, 8010, 8030, 8050, 8070, 8550	2 or 4	387	485
CRAWLER			
A.C. Engine HD6, HD11, HD16	4	812	
A.C. Engine HD21	2	395	495
New Series HD5, GM Engine	4	812	
New Series HD9, GM Engine, Old Series HD14	4	325	
New Series HD15, GM Engine, HD19, HD20	2	395	495
Old Series HD7, HD10	1	812	
MOTOR GRADERS			
D & DD	2	325	
M100	4	325	
Most Other Models	2	395	495
INDUSTRIAL TRACTORS			
10B	2	383	483
HD 6A, 6B, 6E, 6EP, 7G	1	391	491
N5 Header	1	382	482
T160, 200, 260, 360, 460, T560, T650, TL400, 705D, 706D, 708D, 766	1	395	495
640, 644, 710C, 714C, 715C, 840C	2	387	485
TL-10D, 12D, 14G, 16G	1	391	491
TL-16D, 20D, 30D	2	391	491
ARBOS			
Header	1	395	495
ARPIC COMPRESSOR			
185 PD-160	1	395	495
120FP-115	2	812	
ATLAS COPCO			
DT5	2	382	482
PR600, CUD, PR600 RR, PR600 D/D, PR365 RR	4	382	482
US85, UT85, Deutz XAS60, XAS80 Perkins	2	812	
VT5DD	2	383	483
VT5FD	2	325	
VT6DD, PR365	2	392	
VSS125, 170, 250, 335, XAS80	2	812	
XAS120, XAS160 Deutz	2	387	485
AVELING BARFORD Rollers & Graders			
DUMPERS			
SA Perkins	2	395	495
SF, SR11, FL	2	810	



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MAKE & MODEL	QTY.	HEAVY DUTY	EXTRA HEAVY DUTY
SL, SN	4	812	
SR	2	364	464B
GRADERS			
99H Leyland AU600 & Super	4	812	325
ASGO12	2	382	482
LG	2	395	495
MG	2	364	464B
RM	2	810	
ROLLERS			
CC Ford, GCU	2	391	491
GA Perkins or Ford GD4, 6DS, TR, TRN, TRT, VR	2	812	
GD, SA Perkins	2	395	495
99H, Leyland AU600, Super	4	325	
BARBER-GREENE EQUIPMENT			
44C Ditcher, 422, 522 Bucket Loader	1	812	
87, 9A Finishing Machine	1	325	
BELARUS			
250, 400, 420, 520, 611, 800, 820, 900, 920	2	325	
1500	1	350-352	452
7000, 7010, 7910, Don 1500, 1700	2	395	495
BLAW-KNOX			
Grader BK12	4	325	
DD4-53, DD, JD, PF120H, PF172, PF180H, PF200, PF220, PF500, RW100	1	395	495
PF110T/W, PF115, PF150, PF171, PF35, RW195	1	364	464B
BOBCAT			
610, 632 Petrol	1	350-352	452
643, 743, 843 Diesel, Perkins diesel	1	382	482
N155	1	350-352	452
Skidsteer XT40	1	383	483
BOMAG			
Roller	2 or 4	325	
BC601, BC670RB, K352/P, K353, K451	1	395	495
BW100, BW118, BW120, BW122, BW124, BW125, BW130, BW141AD-1, BW141AD-2	1	383	483
BW105, BW65, BW85, BW850, BW105, BW1050,	1	357	457
BW10AS, BW12AS, BW11R, BW12R, BW137, BW138, BW144, BW151AD2, BW161, BW164, BW170, BW172, BW202, BW4AS, BW5AS, BW6AS, BW9AS, BW9R, BW11AS, MPH50	1	387	485
BW140, BW141AD, BW144, BW151AD, BW154, BW160, BW142, BW210, BW212, BW213, BW214, BW217, BW219, BW220, MPH100	1	391	491
BW90A, BW121AD	1	382	482
MPH120	2		394
BRAY LOADER			



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MAKE & MODEL	QTY.	HEAVY DUTY	EXTRA HEAVY DUTY
Most Models	2	325	
BREEDA			
4, 50D, 70D, 33P, 33D and 35P and 35D Combine	1, 2 or 4	812	
BRISTOL TRACTOR			
20-22, 25PC, 25VC	1	382	482
25D	1	382	482
Grader AP – 40	2	325	
BRITSTAND			
33P, 35P, 33D, 35D Combine	1 or 2	812	
20, 21, 40, 41 Grader	1 or 2	325	
60 Grader	1	391	491
BROOMWADE			
SV78 Perkins, SV128HC, 264	2	812	
SV398, WR250 Leyland	1	383	483
SV199, SV245, SV303 Gardner	2	325	
SV199, SV245 SV303 Meadows	4	325	
WR175, WR210 Ford Diesel, WR365	2	812	
WR85, 100, 160, WR120, Ford diesel & petrol	1	382	482
WR600, 630 Dorman	4	325	
BUCYRUS			
10, 19(2), 22(4)	2	812	
Cranes 110 ton, draglines, shovels, Hydraulic Hoes 352H, Rotary drills,	1	395	495
Cranes 1200-C, Rotary drill 22W, Hercules D2000	1	391	491
Hydraulic Hoes, 300H, 325H, Hydrocranes	1	391	491
Hydraulic Hoes 500H, 60Xc, 90Xc	1	382	482
CASE J I (See also CASE IH INTERNATIONAL)			
AGRICULTURAL			
300 Series, 210B, SP150 Combine	1	812	
660, 900, 960, 1070, 1200, 1470, 1010, 1660 Combine petrol	1	350	352 – 452
400, 410 kero, 500, 600, 660, 900, 960, 1010, 1660 Combine Diesel	2	325	
585, 885XL, 2140	1	387	485
700, 800, Case –o- matic, 830, 930	4	325	
1030	2	383	483
INDUSTRIAL			
1150 Crawler, 1550 Dozer	2	387	485
1150 Angle Dozer & Loader	4	325	
1526, 1530, 1537	1	352	452
2290	2	387	485
350 Crawler	2	382	482
410 Terratrak, 600 Backhoe	2	812	
420 Terratrak, 530CK, 600 Backhoe	2	812	
540 Angle Dozer & Loader		391	491



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MAKE & MODEL	QTY.	HEAVY DUTY	EXTRA HEAVY DUTY
580 Front End Loader		387	485
600 Terratrac		392	
800, 1000 Terratrac, 1000C&D	4	812	
Bobcat: Perkins Diesel		382	482
Trencher TF 100, TF 1000	1 or 2	387	485
Trencher TF200, 300, 600, 700, 30+4		339	
W5 Terra Loader		383	483
W9 Terra Loader, W9A	2	325	
W12 Terra Loader	2	387	485
W7/8/9/10 Front End Loader	2	387	485
W8B, 10B, W12	2	303	
W24, W26	2	391	491
CASE INTERNATIONAL			
COMBINES			
1420, 1440, 1460, 1470 Hillside, 1480	2	364	464B
1620, 1640, 1660, 1670	2	387	485
1680, 2144, 2166, 2188, 2344, 2377, 2388	2	385	485
DUMP TRUCK			
AP1000	1	391	491
AP200B	1	387	485
D20D, D2500	2	387	485
D25, D40, D250, D30, D300, D35, D300D, D350, D400	2	391	491
D44, D50, D550, D650	2	395	495
FARM TRACTORS			
Challenger 55, 65C, 65D, 65E, 70C, 75C, 750, 75E, 85C, 95D/E	2	387	485
Challenger 65, 65B	3	387	485
Challenger 75A	4	387	485
TRACK TRACTORS			
D10N	1	395	495
D11N	1	391	491
D3C, D4C, D4H, D5C, D5E, D5H	2	387	485
D4, D5, 922, 950, 955, 966, 977, D6C, D6B, 57A (Elec start0	2	391	491
D4C 10HP	1	382	482
D6B Petrol	1	387	485
D6D, D6H, D8N	2	387	485
D7, D8, D9 Direct electric start	2	395	495
D7, D8, D9, Petrol	1	350	452
D9N	2	391	491
WHEEL TRACTORS			
384, 484		382	482
385,395, 485, 495		386	485
574		339	
574 H S	2	812	
584		382	482



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MAKE & MODEL	QTY.	HEAVY DUTY	EXTRA HEAVY DUTY
674		339	
684		382	482
685		386	485
686	2	364	464B
Opt		2 X 812	
695		386	485
766		325	
770	2	382	482
784		382	482
785		386	485
786	2	812	
795		386	485
870	2	386	485
884		382	482
885		386	485
886	2	364	464B
895		386	485
966	2	325	
970	2	386	485
985		386	485
986	2	364	464
990, 995, 996		386	485
1066	2	325	
1070, 1175	2	386	485
1086	2	364	464B
1190		386	485
1194, 1270, 1294, 1370	2	386	485
1210, 1212, 1290, 1390		386	485
1394	2	386	485
1410, 1412		386	485
1468	2	325	
1486	2	364	464B
1490, 1494	2	386	485
1568	2	325	
1570	2	386	485
1586	2	364	464B
1594	2	386	485
1690		386	485
1896	2	387	485
2090	2	386	485
	2	387	485
2094	2	386	485
2096	2	387	485
2120, 2130, 2140, 2150,		357	457



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MAKE & MODEL	QTY.	HEAVY DUTY	EXTRA HEAVY DUTY
2290, 2294, 2377, 2388, 2390,2394, 2470, 2590, 2594, 2670, 2870	2 2	386 387	485 485
3088, 3288	2	364	464B
3294	2	386	485
3388, 3394	2	387	485
3508	2	364	464B
3588	2	387	485
3594	2	386	485
3688	2	364	464B
3788	2	387	485
4156, 4186, 4366	2	325	
4386	2	387	485
4490, 4494	2	386	485
4568, 4586	2	387	485
4690, 4690, 4890, 4894, 4994	2	386	485
4786	2	387	485
5088, 5288	2	364	464B
5120, 5130, 5140, 5220, 5230, 5240, 5250	(1,2)	386	485
6366, 6586, 6786, 7110, 7120, 7130, 7140, 7150, 7386, 7388, 7588	2	387	485
7788	4	387	485
9110, 9130, 9150, 9170, 9180,	2	387	485
9210, 9230, 9240, 9250, 9260, 9270, 9280	3	387	485
9310, 9330, 9352, 9370, 9380	2 or 3	387	485
C50, C60, C90, C100, CX50, CX60, CX80, CX909, CX100, MX80, MX90, MX100, MX120, MX135, MX110, MX150, MX170, MX180, MX200, MX220	1 or 2	387	485
Hydro 70, 86, 186	1	364	464B
Windrower 8870, 8880	1	364	464B
LATE MODELS			
1150HWT, AFS2W388, AFX8010, CPX420, CPX620	1 or 2		485
CVX11 Series	4D-1000	391	491
DX24, DX29, DX33, (DX 40 takes 355 or 455)	1	340	
580 &590 Super R, JX60, 70, 90, 95, JX106C-Series to JX1100U	1	383	483
MX210, MX230, MX255, MX285 STX275, STX325	2		485
MXM120 - Series to MXM190, MXU - Series to MXU135, STX375, STX425, STX450, STX 500	1 or 2	394	
WDX1701, WDX1902, WDX2302	2		485
CATERPILLAR			
Dump Trucks			
D20D, D250D	2	387	485
D25, D250, D30, D300, D35, D300D, D352, D40, D400	2	391	491



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MAKE & MODEL	QTY.	HEAVY DUTY	EXTRA HEAVY DUTY
D44, D50, D550, D650	2	395	495
AP 1000 (asphalt paver)	1	391	491
AP200B	1	387	485
Backhoe			
416B, 426B, 428B, 436B, 438B, 416, 426, 436, 438, 446, 446B	1 or 2	387	485
Cold Planers, Compactors			
PM450C, PM565	1	395	495
836	1	387	485
Excavators			
215, 227, 225, 229, 235, 235D, 352, 352L, 5130, E110, E120, E140, E180, E200, E240, E300, E450	2	391	491
245, 245D, 375, 375L, E650	2	395	495
231D, 300, 311, 312, 320, 320L, 320N, 325, 330, E70, E70B, EL240C, E110B, E120B, E240C, 5230	2	387	485
Farm Tractors			
Challenger 55, 65C, 65D, 65E, 70C, 75C, 75D, 75E, 85C, 95D, 95E	2	387	485
Challenger 65, 65B, 75A, 75B	3 or 4	387	485
Feller Bunchers & Integrated Tool Carriers			
FB219, FB508, FB518, FB519, IT-12 to IT 28F	2	387	485
Lift Trucks			
RT80, V40E, V50E, VC60E	1	387	485
T40E, T50E, TC60E	1	364	464B
V110C, V135C, V155C	2	387	485
V165C, V180C, V200C, V225C, V250C, V265C, V300C, V330C	2	395	495
Graders			
112E, 112F	4		325
140G 14	2	391	491
12 G12, 212	1		812
12 17K SERIES, 140, 55 SERIES, IT28B	2	387	485
12E	4		812
Off Highway Trucks			
771C, 777C	2	395	495
775B	2	391	491
785B, 789B, 793B	2	387	485
Paving			
CB214C, CB224C, CB534B, CB634, CP563, CS433B, CS531, CS533, CS563, CS583	2	387	485
CP323, CP433, CP533	1	391	491
Track Tractors			
D3C, D4C, D4H, D4H XL, D5C LPG, D5E, D5H XL, D6B, D6D, D6H XL, D6H XR, D8N	2	387	485
D4, D5, D6C, D6B, (ELEC. START), D9N, D11N, D6C, DCB, 57A, 922, 950, 966, 977	1 or 2	391	491
D6B Petrol	1	387	485
621, 631, 641, 651, 789, 772, 773, 980, 988, 992	1 or 2	395	495



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D7, D8, D9 Elec Start, D10N			
944	4	325	
D7, D8, D9 Petrol	1	350-353	453
Wheel & Track loaders			
910F, 918F, 953B	2	387	485
922 DES, 936F, 950F, 955, 960F, 966F, 970F, 980F, 922 Traxcavator, 950, 966 Traxcavator (Jap), 922, 977, D6C, D6B, 57A 9 (Elec. Start)	2	391	491
922, 933, 950, 966, Traxcavator (US)	4		812
944	4		325
980, 988, 992	2 or 4	395	495
988F, 992D	4	387	485
Wheel Tractor Scrapers			
613C, 615C, 784B, 784C	1 or 2	387	485
612F, 623F, 627F	2 or 4	387	485
621, 631, 641, 651, 657, 769, 772, 773, 776C, 980, 998	2	395	495
CHAMBERLAIN			
INDUSTRIAL			
Champion Mk3, MK4 70D, 236, 239, 306	2	325	
Countryman 354, Contractor 354	2	325	
Champion 4280, 4480	2	325	
Chamberlain C670, C6100, 4080, 2000 Loader	2	325	
C456, 212 Industrial, 700,791 Loader	1	389	
800, 894, 895 Loader	1	389	
TRACTORS			
3380, 4080, 4090, 4280, 4290, 4480, 4490, 4690	2	325	
CLAAS			
Dominator 105 (OM360 Mercedes)	1	491	491
Dominator 68S, 98SL, 88S	1	392	
CLARK FORKLIFT			
CF20, CF25, CY260, CY250	1	328	
CY80, CFY80, C60, C70	1	364	464B
CY400	1	395	495
Clarkton	1	350	352 – 452
Clark Lift 4-5000 lb Perkins P3	1	382	482
C500 Series, Y80 Petrol	1	350	352 – 452
C500 Series Y80 Diesel	1	391	491
C500 Series HY 40-55 Petrol	1	364	464B
C500 Series HY 40-55 Diesel	1	387	485
C500 Series Y60	1	364	464B
Car Loader	1	812	
Van Carrier	2	395	495
Yardlift 40, 4000 lb Holden	1	382	482
Yard lift, Utilitruc 60, 6000, 7000 Ford Diesel	1	391	491



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Yardlift 40 Perkins P3	2	812	
CLETRAC			
DD	1	391	491
FD	1	395	495
SB, ED	4	325	
COCKSHUTT			
Combine 6 Volt 55D, 56D, 57D	1	812	
Combine 12 Volt All Models	1	350	352 – 452
500D	2	325	
COLES CRANES			
H171 Diesel	1	395	495
Lorry Mounted	4	812	
Mobile	2	812	
Prime Mover Cranes	4	325	
COMP-AIR (Canada)			
RO1800, RO900, RO1200	2	395	495
RD420, RO60PD, RO750PD	1	395	495
Hydovane 1	1	364	464B
Compare Holman, Hydovane HVAP, ZITAR 65, 125, 175, 250	1	387	485
COMBINE HARVESTERS			
45, 255B	1	350-352	452
CONCORDE			
Ride on mower	1	ES18-12	
CONSOLIDATED PNEUMATIC			
365	1	325	
125A, 160R, R01, R02	1	382	482
Other Models	4	325	
CONVEYANCER FORKLIFT			
D4-24, TC4-24, TC5-24, TC6-24	1	382	482
G4-24, MKN, MIB petrol, M2 Petrol, M16 Diesel	1	382	482
PW4, PW5, PW6, PW8	1	350	352 – 452
TC7-24, TC6, 7 Yard Model	1	382	482
TC4, TC5, TC6, TC67/27	2	812	
CONVENTRY CLIMAX			
MS Model	2	325	
Other Models	1	382	482
CRAWLER			
Old series HD7, HD10 New series HD5 & GM Engines	1 or 4	812	
New series HD9 & GM Engines, Old Series & HD10	2	325	
New Series HD15, HD19, HD20, HD21 & GM Engines,	2	395	
AC Engine HD6, HD11, HD16	4	8712	
Motor Graders, M100	2 or 4	325	
Industrial Tractors			



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MAKE & MODEL	QTY.	HEAVY DUTY	EXTRA HEAVY DUTY
T160, 200, 260, 360, 460, 560, L400	1	395	
TL-10D, 12D, 14G, 16G, 16D, 20D, 30D	1 or 2	391	
HD 6A, 6B, 6EP, 6G, 7G	1	391	
CROWN			
B Models	2	812	
M Models	4	812	
Wildcat, SP2000	1	387	485
GPW Battery Pak, Scissorlift Economy	4	810	