

List of Spares for Crane, 5 TON (Goliath)

S.No.	Description	Particulars
1	Fixed and moving contact tips for contactors	1 no. of each size
2	For contactors coils	2 sets consisting of 3 nos. each size
3	Overload relays	1 set of each size
4	Timers	1 no. of each size
5	Carbon brushes	2 sets of each size
6	Carbon brush holders	1 set of each size
7	Limit switches	1 set of MH
		1 set of CT
		1 set of LT
		1 set of AH
8	Current collectors	2 sets
9	Fuse links	1 set of each size
10	Thrusters	1 of each size
11	Brake liners with rivets	1 pair of each size
12	Main spring for thruster brakes used on crane	1 of each size
13	Brakes shoes complete with lining	1 pair of each size
14	Oil seals for gear cases	1 for each size of Gear box & Gear coupling on crane
15	Spare cards for VVVF driv for all drives viz. MH, AH, LT & CT	01 no. each
16	A set comprising of 2 nos. each of long travel and cross travel motion wheels duly machines with out axle and bearings	1 set of 2 nos. each
17	Any other items considered essential Ref. CI.1.4	NA

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List of Tools for Crane 5 TON (Gulath)

S.No.	Description	Quantity
1	Tools box	1 no.
2	D/E Spanner reqd.sizes	1 set
3	Grease gun	1 no.
4	Oil can	1 no.
5	Screw Driver of required sizes	1 set
6	Nose Plier	1 no.
7	Insulated Plier	1 no.
8	Hammer 2 lbs.	1 no.
9	Allen key required sizes	1 set
10	Hydraulic Jack	1 no.

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