

Main Motors.

(Spare gear M.S. "BLOEMFONTEIN")

- 1 tailshaft with key, nut and lookingpin.
- 1 propeller RH.
- 1 propeller LH.
- 1 set of shaft-coupling bolts with nuts of each type.
- 1 set of pads for the ahead side of thrustblocks.
- 2 cylinder liners complete.
- 1 cylinder head for top, with studs etc.
- 1 cylinder head for bottom, with studs, etc.
- 1 set of studs with nuts for cylinder head.
- 1 set of automatic plate valves for scavenging air.
- 2 pair of main bearing brasses
- 1 set of studs with nuts for each side of main bearing.
- 4 dividingpieces for bottom covers.
- 8 fuel valves complete with stems, springs, etc.
- 4 fuel valve stems.
- 12 atomisers for top fuel valve.
- 24 atomisers for bottom fuel valve.
- 2 fuel pump cams.
- 2 fuel pump rollers with pin.
- 8 fuel pump springs.
- 4 starting valves complete with seats, springs, etc.
- 1 starting valve cam without keyway.
- 1 starting valve roller with pin.
- 1 set of starting valve springs and rings.
- 1 starting valve lever.
- 3 safety valves complete with ^{se}ets, springs, etc.
- 2 safety valves
- 1 safety valve seat.
- 8 safety valve springs.

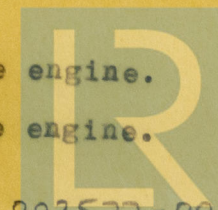


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002577-002582-0018 76

- 1 set of camshaft bearing brasses.
- 1 intermediate shaft for camshaft drive.
- 1 set of driving wheels for camshaft drive.
- 2 pistons complete.
- 4 set of piston rings.
- 1 set of piston bolts with nuts.
- 2 set of rings for piston rod stuffing box with gland.
- 2 set of rings for stuffing box crank-case.
- 1 set of telescopic pipes, complete with packing.
- 2 piston rods complete with nuts.
- 1 crosshead shoe.
- 1 crosshead pin with bolt.
- 1 pair of crankpin brasses for connecting rod.
- 2 set of bolts for crank pin brasses
- 2 pair of crosshead brasses for connecting rod.
- 4 set of bolts for crosshead brasses with nuts.
- 1 set of crankshaft coupling bolts.
- 1 set of driving wheels for H.P. fuel oil pumps.
- 2 high pressure fuel oil pumps.
- 1 set of plungers for H.P. fuel oil pumps.
- 1 set of plunger bushes for H.P. fuel oil pumps.
- 1 set of suction valves with springs for H.P. fuel oil pumps.
- 1 set of discharge valves with springs for H.P. fuel oil pumps.
- Fuel non return valve.
- Pyrometer 0-600°C.
- 1 pressure gauge 0-40 atm.
- 1 " " 0-10 "
- 1 set of copper packing, complete for one engine.
- 1 set of rubber packing, complete for one engine.



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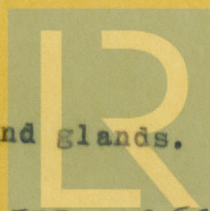
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002577-002582-0018 3/6

- 1 set of pipes for starting air.
- 1 set of pipes for fuel oil.
- 6 unions or flanges for fuel oil pipes.
- 1 set of safety plates.
- 1 lubricator complete.
- 4 cylinders complete with plunger for lubricator.
- 12 glasses for lubricator.
- 12 valves with springs for lubricators.
- 100 assorted bolts with nuts.
- 100 assorted studs with nuts.
- 10 Foundation bolts.
- 1 ball bearing of each size.
- 6 sight glasses of each size.
- 1 basket of each size of fuel and lubricating oil strainer.

Seavenging pump.

- 1 set of automatic plate valves for seavenging air.
- 1 stuffing box for scavenging air pump.
- 2 suction valves with seats for scavenging air pump.
- 2 discharge valves with seats for scavenging air pump.
- 1 set of springs with bushes for scavenging air pump valves.
- 1 piston ring for scavenging air pump.
- 1 pair of crankpin brasses for scavenging air pump.
- 1 set of bolts with nuts for same.
- 2 set of crosshead brasses.
- 2 set of bolts with nuts for crosshead brasses.
- 1 set of crosshead brasses with bolts complete.
- 2 plungers with nuts complete.
- 1 set of valves.
- 6 studs and nuts of all size for covers and glands.



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Auxiliary Motors.

2 cylinder liners complete.
2 cylinder heads complete with studs and nuts.
2 set of studs and nuts for one cylinder head.
2 pair of main bearing brasses.
1 set of studs with nuts for main bearing brasses.
1 set of fuel valves, complete with stems, springs, etc. for one engine.
2 fuel valve stems.
6 ball fuel valves.
2 atomizers.
1 fuel pump cam.
2 fuel pump rollers with cam.
4 fuel valve springs.
1 set of inlet valves complete with seats, springs, etc. for one engine.
1 inlet valve seat.
1 inlet valve stem.
1 inlet cam.
Inletvalve roller with pin.
4 inlet valve springs.
1 set of exhaust valves, complete with seats, springs etc. for one engine.
2 exhaust valve stems.
2 exhaust valve seats.
1 exhaust valve cam.
1 exhaust valve roller with pin.
4 exhaust valve springs.
2 exhaust valve levers.
3 starting valves complete with seat, springs, etc.
3 starting valve stems.
1 starting valve seat.



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- 1 starting valve cam.
- 1 starting valve roller with pin.
- 4 starting valve springs.
- 3 safety valves complete with seat, springs, etc.
- 1 safety valve seat.
- 4 safety valve springs.
- 1 pair of camshaft bearing brasses.
- 2 thrustbearing brasses for vert. shaft.
- 10 links for camshaft drive.
- 3 pistons complete with rings and pin.
- 3 set of pistonrings for one piston.
- 1 connecting rod complete with studs and nuts.
- 1 pair of crankpin brasses for connecting rod.
- 1 set of bolts for crankpin brasses.
- 6 pair of piston pin brasses.
- 2 set of bolts with nuts for piston pin brasses.
- 3 H.P. fuel oil pumps.
- 8 suction valves with springs for H.P. fuel oil pumps.
- 8 discharge valves with springs for H.P. fuel oil pumps.
- 6 springs for H.P. fuel oil plungers.
- 12 valves with springs for cylinder lubr.
- 1 lubr. oil pump complete.
- 2 springs for governor.
- 2 set of copper packing rings for one engine.
- 2set of rubber packing rings for one engine,
- 1 set of pipes of each size for starting air, complete.
- 1 set of pipes of each size for fuel oil.
- 6 unions for fuel oil pipes.
- 1 set of safety plates.



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002577-002582-0018 5/6

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1 lubricator complete.

'6 glasses for lubricator.

50 assorted bolts with nuts.

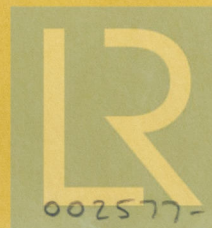
50 assorted studs and nuts,

Foundation bolts.

1 ball bearing of each size.

4 sight glasses of each size.

1 basket of each size for fuel and lubr. oil strainer.



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