

Motor S.S. "Helios"
 Wallens 728

N.

SPARE GEAR:

- 1 Pair Crank pin bearings.
- 1 Set Bearings for connecting rod top end.
- 2 Main bearing bolts & nuts.
- 4 Bolts and nuts for connecting rod top ends.
- 2 Bolts and nuts for connecting rod bottom ends.
- 1 Set coupling bolts & nuts.
- 1 Set of Ramsbottom Rings for all pistons.
- One complete piston for one engine with rings and gudgeon pin.
- 1 Complete set of fuel valves.
- 1 Complete set of starting air valves.
- 1 Complete set of scavenging valves.
- 1 Scavenging pump rod with nuts.
- 1 Set of valves for one scavenging pump.
- 1 Complete set of valves for main engine air compressor.
- 1 Set of valves for one water service, bilge & sanitary pumps on main engine.
- Spare parts for valve gear, say 1/4 set of all working parts.
- 2 Cast iron propellers.
- 100 bolts and nuts assorted.
- 6 Bars of round iron, assorted.
- 3 Plates of iron assorted, 1 cwt each.
- 1 Set valves for feed pump
- 1 Set valves for ballast pump
- 1 Set valves for general service pump
- 1 Set valves for oil fuel pumps.
- Spare parts for auxiliary air compressor & charging set.
- 1 Dozen water gauge glasses and I.R. rings.
- 2 Check valve lids.
- 1 Set of working parts for fuel oil pump.



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SPARE GEAR (Contd.)

- ✓ 2 Cylinder covers complete with all valves, seats and springs.
- ✓ 1 Additional set of valves.
- ✓ 1 Connecting rod complete with brasses, etc.
- ✓ 1 Pair main bearing brasses.
- ✓ Quantity of white metal sufficient for all the bearings of one engine, and the necessary mandrills.
- ✓ 2 Pairs of brasses for cam shaft.
- ✓ 1 Set of suction & delivery valves complete with boxes & springs for each main air compressor.
- ✓ 2 Sets of suction & delivery valves complete with boxes & springs for auxiliary air compressor.
- ✓ 1 Set valves for lubricating pump.
- ✓ 1 Set valves for water circulating pump
- ✓ 2 Gauze wire diaphragms for each fitted.
- ✓ 2 Springs of each pattern used, in addition to those with valves enumerated above.
- ✓ 1 Set of piston rings for each air pump or air compressor.
- ✓ 1 Set of cooling coils for each sort fitted.
- ✓ 1 Oil filter if only one is fitted.
- ✓ 1/5 number of cylinder cover bolts & nuts.
- ✓ 1/10 of all other bolts and nuts used in the engines
(This includes main bearing bolts, connecting rod bolts etc.)
- ✓ Three spare thrust shoes.
- ✓ One cam shaft complete with cams.
- ✓ One complete oil fuel pump.
- ✓ 1 Set of valves for oil fuel tank pump.
- ✓ 1 Set of gear wheels for driving cam shafts.
- ✓ 1 Set of working parts for piston cooling pipes.
- ✓ 1 Propeller shaft.
- ✓ 1 Spare cylinder & liner fully machined.
- ✓ 1 Half crank shaft.

(2) complete for each cyl

show wheels



SPARE GEAR (Contd.)

- ✓ 1 Piston internal circulating water tube with gland.
- ✓ 1 Set of valves suction & delivery for piston cooling pump.
- ✓ One set valves suction & delivery for jacket, auxiliary condenser or bilge pump.
- ✓ 1 Set ebonite rings for water plungers.
- ✓ Ballast Pump. One set of guard stoppers & springs.
- ✓ General Service. One set of guard stoppers and springs
- ✓ Donkey Boiler. 10 Boiler Tubes.
- ✓ Springs: 4 Fuel valve springs)
6 Scavenging valve springs)
4 Air starting valves)
4 Relief valve springs.)
- ✓ ~~One foot lathe.~~
- ✓ 1 Pump lever link for pump end.
- ✓ 1 Pump lever link for engine end.

