

Lloyds

NO. 494.

SPARE GEAR.

- 1 Propeller shaft complete with nut.
- 1 Set of 4 propeller blades in cast iron.
- 1 " " studs & nuts for 1 propeller blade.
- X 1 Cylinder cover complete with all valves, seats & springs &c.
with water nozzles.
- X 4 Fuel Injection Valves, spindles & pulverisers.
- X 24 " valve springs.
- X 12 Starting " "
- X 4 Main Starting Air Valves complete.
- X 24 Advance Starting Air valve springs.
- X 1 Cylinder liner complete with scraper rings.
- X 1 Complete set of piston rings (56) and scraper rings (16).
- X 1 Piston complete with rings.
- 1 Piston rod.
- 4 Fuel non-return valves and springs.
- 18 Cylinder cover studs and nuts.
- 1 Crankshaft spur wheel complete for cam shaft drive.
- 1 Intermediate " " " " " " "
- 1 Pair bevel wheels for cam shaft drive.
- 1 Pair skew wheels " " " "
- 8 Piston cooling pipes, complete with fittings.
- 4 Crosshead lubricating pipes complete with fittings.
- 2 Bolts and Nuts for main bearings.
- 1 Pair bottom end bearings with liners.
- 2 " top " " " "
- 2 Bolts and nuts for bottom ends.
- 2 " " " " top "
- 4 Cam rollers complete with pins and nuts for fuel & starting valves.
- 4 Cams for Fuel & Starting air valves.
- 4 Relief valves complete.
- 2 Indicator valves complete with couplings.
- 1 Thrust ring complete with liners for vertical shaft.

X 8/



© 2020

Lloyd's Register
Foundation

W1647-0013 (1/3)

1.A.NO. 494.SPARE GEAR. (Ctd.)

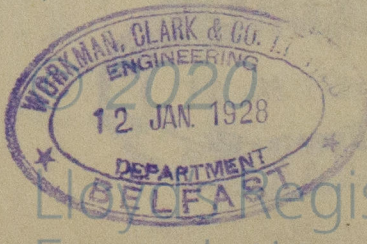
- 8 Suction valves and springs for fuel pump.
- 8 Discharge " " " " " "
- 8 Plungers & glands " " "
- 1 Fuel pump housing (machined).
- 1 Set of coupling bolts & nuts for crankshaft.
- 1 " " " " " " intermediate shaft.
- 4 Injection air non-return valves & springs.
- 1 Suction valve for bilge pump (engine-driven).
- 1 Discharge " " " " (" ").
- 2 Studs & nuts for " " valves (engine-driven).
- 2 Piston rings & 1 carrier ring for bilge pump (engine-driven).
- 1 Main thrust ring with liners.
- 2 Crosshead bolts.
- 6 Piston studs.
- 3 Lengths of air piping, 18'0" x 25/33, 38/48, & 48/60.
- 3 " " fuel " " x 10/14.5.
- 1 Set of Scavenge Air Group Valves (5 nests).
- 20% Of special bolts & studs for cylinders & frames (36 total).
- 2 Piston rings for starting engine.
- 1 Valve seat with double valves & springs for injection air H.R. valve.

SCAVENGE AIR PUMP.

- 1 Set of piston rings.
- 1 Pair of bottom end bearings with liners.
- 2 Bottom end bolts and nuts.
- 2 Pairs of top end bearings with liners.
- 2 Top end bolts & nuts.
- 100 Valve discs.
- 24 Valves & cages complete.

INJECTION AIR COMPRESSORS.

- Bottom end bearing, duplicate of Scavenge Pump.
- Top " " " " " "
- 2 Bottom end bolts and nuts.
- 2 Top " " " " "
- 12 H.P. Compressor piston rings.
- 10 M.P. " " " "
- 10 L.P. " " " "
- 1 H.P. Suction valve complete.
- 1 " Discharge " "
- 2 M.P. Suction valves complete.
- 2 " Discharge " "
- 6/



Rice Annex

Lloyds Register
Foundation

W1647-0013 (2/3) 13)

1.B.NO. 494.SPARE GEAR. (Ctd.)INJECTION AIR COMPRESSORS. (Ctd.)

- X 6 L.P. suction valves complete.
- X 6 " discharge "
- 2 H.P. relief valves.
- 2 M.P. " "
- 2 L.P. " "
- 1 Relief valve for H.P. Separator.

Ree Amcor.

Items marked thus "X" supplied by Messrs. Sulzer.



Lloyd's Register
Foundation

W1647-0013 (113)