

Pana
GLASGOW REPORT No 46775

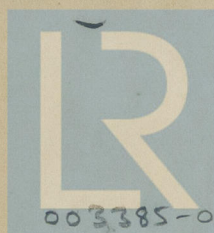
LIST OF SPARE PARTS FOR SHIP NO 750 G

MAIN ENGINES

- 2 Pairs Connecting Rod Bushes, lower end with bolts and set pins
4 Pairs Connecting Rod Bushes, Upper end with 4 bolts and set pins
1 Pair Main Bearing Bushes with bolts (or equivalent)
2 Pistons (no rings fitted)
12 Studs and nuts for pistons
6 Sets Piston rings
1 Crosshead
1 Guide Shoe
4 " " Bolts
2 Cylinder Heads complete without valves
2 " liners
2 " water jackets
12 Studs and nuts of each size for cylinder head valves (Exh)
2 Inlet Valves with casings, springs etc complete
3 " valve spindles
6 Exhaust valves with casings, springs etc complete
3 " valve spindles
3 " " Spindle seating rings
3 " " box seating rings
2 " " attachment screws
2 Starting valves with casings springs etc complete with attachment screws.
2 Starting valve spindles
2 Fuel valves with casings springs etc complete
4 Fuel valve spindles
4 " " case ends
4 Atomizers
2 Cylinder safety valves complete
2 Rollers of each size with pins
1 Set Levers complete
1 Set Cam toe pieces for valves
1 Driving chain of each size fitted
6 Chain links of each size fitted for readily repairing chain.
2 sets of pipes with stuffing boxes complete for piston cooling gear
1 A C Cylinder liner for each stage
2 Sets Air compressor valves, complete with cages
2 Sets piston rings for air compressor
1 Pair Lower end air compressor connecting rod bushes with bolts
1 Air compressor crosshead pin
1 Pair Air compressor crosshead pin bearings
1 complete set of springs for one engine
6 Additional springs for exhaust valves
1 Set packing for one fuel pump
1/2 complete set metallic packing for one engine
3 Lbs 1/4" Palmetto packing.
3 Lbs Asbestos cord.
2 Sheets of 1/32" and 1/16" thick permanite jointing 4'0" x 4'-0"
2 Sheets of 1/8" Asbestos Millboard 4'-0 x 4'-0"
1 Cooling Coil for one H.P. Air Compressor, complete with flange
1 M.P. Cooler stack, complete
1 L.P. ditto
1 Set Expanders for comp. cooler tubes
1 Length Fuel pump delivery pipe
1 Length Fuel valve blast air pipe
1 Length Delivery pipe from air compressor to blast air bottle.
2 Needle valves of each size for air bottles and reservoirs
6 Fuel oil pump plungers
3 " " suction valves
3 " " delivery "
1 Complete set of working parts for one fuel pump plunger.
6 Rubber rings for each size fitted
1 Set Brasses and bolts for pump lever.
1 Bilge pump plunger.
1 Cooling water pump rod.



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LIST OF SPARE PARTS FOR SHIP NO 750 G(Cont'd)

- 1 Cooling Water Pump bucket.
- 1 Lub.Oil pump rotor complete
- 1/2 set valves.guards for pumps on engine

AUXILIARY DIESEL DRIVEN AIR COMPRESSOR ENGINE:

- 1 Crankshaft with gear wheel attached
- 1 Cylinder complete with valves springs and levers
- 6 Chain links of each size fitted for readily repairing chain
- 1 Set Studs and nuts for one cylinder cover
- 1 Pair Connecting rod bushes, lower end, with bolts
- 1 " " " Upper "
- 1 Main Bearing bush with studs and nuts
- 1 Crosshead pin.
- 2 Sets Piston rings
- 1 Fuel valve spindle
- 1 " " Case ends(Seat)
- 1 " " sleeve(Pulverizer complete)
- 1 Exhaust valve with casings complete
- 1 " " spindle
- 1 Fuel valve campiece
- 1 Set lever rollers
- 1 Complete set of springs for one engine.
- 2 Governor springs
- 6 Additional inlet and exhaust valve springs.
- 2 Fuel pump plungers.
- 1 Set valves for fuel pump
- 1 Complete set of working parts for one fuel pump plunger
- 3 Rubber rings of each size fitted on Engine.
- 1 Filter for lubricating pump
- 12 Piston rings for each cylinder
- 1 Set Crosshead and crankpin bearings complete
- 1 Crosshead pin
- 1 Suction valve housing for each stage(Cages only)
- 1 Delivery " " " " "
- 10 Suction valves for compressor
- 10 Delivery " " " "
- 1 Complete cooling coil for H.P.
- 20 Cooler Tubes(L.P. & M.P.)

ELECTRIC LIGHT ENGINES(KROMHOUT)

- 1 Set Suction and delivery valve springs and guards
- 1 Set Bucket rings.
- 1 Piston complete With rings.
- 24 Piston rings.
- 2 Cooling water pump springs for plungers
- 1 Set Crankpin brasses
- 1 Gudgeon pin and roller plate
- 3 Steel ignition pockets
- 1 Cylinder cover
- 2 Fuel Delivery pipes
- 1 " pump plunger spring.
- 1 " " roller
- 1 " " complete
- 2 Cams, Fuel pump
- 1 Nozzle for heating lamp.

BALLAST PUMP:

- 1 Set Piston rings(Water and steam end)
- 1 Pump rod - 1 valve spindle
- 1 set seats, valves and springs.

LUBRICATING OIL PUMP

- 1 Set Suction and delivery valves and springs.

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LIST OF SPARE PARTS FOR SHIP NO. 750G.

BOILER FEED PUMP:

- 1 Set of Valves, with Seats.
- 1 " " piston & Bucket Rings.

OIL PURIFIER:

- 1 Bowl.

CONDENSER:

- 30 Tubes and 24 Ferrules.

BOILER:

- 1 Spring for safety valve.
- 1 Valve for feed check valve.
- 2 Valves & Spindles for do.
- 12 Water Gauge Glasses and 24 Packing Rings.
- 6 Boiler Door Joints.
- 24 Boiler Tubes.
- 2 " Stay Tubes.

OIL FUEL INSTALLATION:

- 1 Burner.
- 1 Set of Nozzles for all Burners.
- 1 " " Diaphragms for all Burners.
- 1 " Filter Baskets for Suction Strainer.
- 1 " " " " Delivery "
- 1 " of Valves and Springs for one oil fuel pump.
- 1 " " Steam Piston Rings for oil fuel pump.
- 1 " " Oil Piston Rings for oil fuel pump.
- 1 " " spanners for installation.

SHAFTING:

- 1 Section Crank Shaft (three-throw). After Section.
- 1 Set Crank Shaft coupling bolts and nuts.
- 1 Propeller shaft complete.
- 1 Set tunnel shaft coupling bolts and nuts.
- 1 Propeller, cast iron.
- 1 Set of pads for one face of thrust block.

ELECTRIC MACHINERY:

- 1 Spare Armature.
- 6 Brushes.

