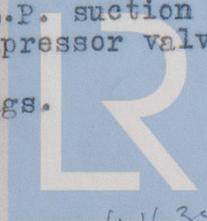


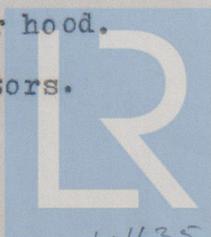
LIST OF SPARE PARTS.MAIN ENGINE:

- 1 Pair connecting rod lower end bolts.
- 1 Top half " " " " bush.
- 1 Pair connecting rod upper end bolts.
- 1 Bottom half " " " " bush.
- 4 Main bearing bolts and nuts.
- 1 Bottom half main bearing bush.
- 2 Pistons (no rings fitted).
- 2 Sets piston rings.
- 1 Piston rod.
- 1 Cylinder head complete with liner and water jacket  
but without valves.
- 1 Set of studs and nuts for cylinder head valves.
- 2 Inlet valves with casings, springs, etc., complete  
with attachment screws.
- 6 Exhaust valves with casings, springs, etc. complete.
- 6 Exhaust valve attachment screws.
- 2 " " spindles, complete with seating rings.
- 3 Exhaust valve box seating rings.
- 3 " " spindle seating rings.
- 2 Starting valves with casing, springs, etc., complete  
with attachment screws.
- 1 Starting valve spindle.
- 3 Fuel valves with casings, springs, etc., complete  
with attachment screws.
- 3 Fuel valve spindles.
- 1 Fuel valve seat.
- 1 Fuel valve spindle case.
- 6 Non-return valves for fuel valves.
- 1 Set Non-return " " " pipe main.
- 2 Cylinder relief valves complete.
- 1/2 Set safety caps for engine.
- 1 Roller for inlet and starting valves.
- 2 Rollers for exhaust and fuel valves with pins.
- 1 Set air compressor valves, complete.
- 2 Cages of each kind for compressor valves (for main  
auxiliary, M.P. and L.P. suction and delivery).
- 12 Elastic discs for air compressor valves.
- 6 H.P. air compressor/<sup>valve</sup>springs.



MAIN ENGINES: (Contd).

- 6 M.P. air compressor valve springs.
- 6 L.P. " " " "
- 1 Safety valve for air compressor valve only for each stage.
- 1 Chain of each size fitted.
- 6 Chain links of each size fitted, for readily repairing chains.
- 1 Set piston rings for air compressor.
- 1 Set piston rings for H.P. air compressor, additional.
- 1 Pair lower end air compressor connecting rod bolts.
- 1 Pair " " " " " " bush.
- 1 Pair upper " " " " " " "
- 1 Complete set of springs for one engine.
- 6 Additional springs for exhaust valves of each size.
- 1 Set of packing for fuel pump.
- 1/2 " " Metallic packing for one engine.
- 3 Lbs. 1/4" Palmetto packing.
- 2 " Asbestos cord.
- 2 Sheets of 1/32", 1/16" thick permanite jointing,  
4'-0" x 4'-0".
- 2 Sheets of 1/8" asbestos millboard, 4'-0" x 4'-0".
- 1 Set of inlet pipes and fittings for piston cooling gear,  
complete with all nuts and flanges, etc. fitted.
- 3 Sets of wearing parts for piston cooling gear.
- 1 Cooling coil for H.P. air compressor, complete with flanges.
- 6 M.P. cooler tubes.
- 6 L.P. " "
- 1 Set expanders for comp. cooler tubes.
- 1 Length fuel pump delivery pipe.
- 1 " fuel valve blast air pipe.
- 1 " delivery pipe from air compressor to blast air bottle.
- 6 Fuel oil pump plungers.
- 1 Complete set of working parts for one fuel pump plunger.
- A quantity of assorted bolts and nuts.
- 6 Rubber rings of each size for main cylinder liners.
- 6 " " " " " " cylinder valves.
- 3 " " for compressor hood.
- 12 Glasses for vacuum lubricators.
- 2 Plungers complete.



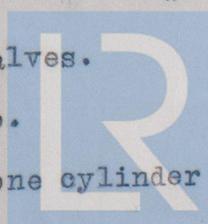
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AUXILIARY ENGINES:

- 1 Cylinder head complete with liner and water jacket but without valves.
- 1 Piston complete with gudgeon pin but without rings.
- 1 Gudgeon pin.
- 1 " " bush.
- 1 Pair connecting rod lower end bushes.
- 1 " " " " " bolts.
- 1 Pair main bearing bushes. (Flywheel end).
- 4 Main bearing studs and nuts.
- 3 Sets piston rings.
- 6 Fuel valves with casings, complete.
- 3 Fuel valve spindles.
- 2 Fuel valve sleeves.
- 2 Sets fuel valve metallic packing for one valve.
- 6 Exhaust valves with casings, complete.
- 6 Exhaust valve spindles.
- 1 Starting valve with casing, complete.
- 1 Cylinder safety valve complete.
- 1 Complete set of springs for one engine.
- 2 Governor springs.
- 6 Additional exhaust valve springs for each size fitted.
- 2 Fuel pump plungers and sleeves.
- 1 Complete set of working parts for one fuel pump plunger.
- 1 Chain of each size fitted.
- 6 Chain links of each size fitted for readily repairing chain.
- 1.1/2 Sets air compressor valves.
- 6 L.P. suction valve springs.
- 6 L.P. discharge " "
- 6 H.P. valve springs.
- 3 Sets piston rings for one air compressor.
- 1 H.P. cooling coil.
- 6 M.P. cooler tubes.
- 6 L.P. " "
- 6 Rubber rings for cylinder liner of each size.
- 6 " " " compressor " "
- 12 " " " cylinder valves.
- 2 Filters for lubricating pump.
- 1 Set of studs with nuts for one cylinder cover.



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AUXILIARY MACHINERY:

- 1 Set of valves (suction and delivery) for bilge pump.
- 1 " " " ( " " " ) " ballast pump.
- 1 " " " ( " " " ) " boiler feed pump.
- 1 " bucket rings for bilge pump.
- 1 " " " " ballast "
- 1 " piston & bucket rings for boiler feed pump.
- 1 Spring of each size for relief valves.

EMERGENCY AIR COMPRESSOR:

- 1 Delivery valve for L.P. cylinder.
- 1 Spring for delivery valve.
- 1 Guide for " "
- 1 Plug " " "
- 1 Valve for H.P. cylinder cover.
- 1 Spring for valve.

BOILER:

- 1 Spring for safety valve.
- 1 Valve for feed check valve.
- 6 Water gauge glasses and 24 packing rings.
- 1 10" firebrick quarl (4 pieces).
- 12 Boiler door joints.
- 6 Boiler tubes.
- 1 Spare burner for oil fuel.
- 1 Lighting up torch.

SHAFTING:

- 1 Set of tunnel shaft coupling bolts and nuts.
- 1 Propeller, cast iron, tried on working shaft.
- 1 Set crank shaft coupling bolts and nuts.
- 1 Set of pads for one face of thrust block.

ELECTRIC MACHINERY:

- 1 Set of brushes for each dynamo and motor in engine room.

*Rice Amear*



W635-0249 (4/4)