

Opawa
GLASGOW REPORT No. 51471

Orari
GLASGOW REPORT No. 51250

NOS. 531 & 532.

SPARE GEAR.



© 2020

Lloyd's Register
Foundation

W1153-020801

NOS. 531 & 532.

S P A R E G E A R .

FOR SHAFTING ETC.

- 4 Bronze propeller blades (2 port and 2 starboard).
- 1 Tailshaft and liner, complete.
- 12 Pads for Michell thrust blocks.
- 1 Set of intermediate-shaft coupling bolts.

FOR MAIN ENGINES.

- 2 Cylinder covers complete. (For NO. 532 only.
- 2 " liners " { 2 Governor springs.
- 2 Pistons complete with rings, heads only. { 12 each size compressor valve springs
- 1 Piston rod, head and skirt complete, with cooling pipes.
- 54 Piston rings.
- 18 Piston cooling jets.
- 4 Scraper rings.
- 2 Spring couplings for Tachometer.
- 1 Spare spring for pump discharges.
- 6 Piston cooling pipes. Moving pipes.
- 1 Set of studs for 1 working cylinder.
- 6 Springs for cylinder relief valves.
- 2 Connecting rod top-end bearings.
- 2 " " bottom-end bearings.
- 4 " " top-end bolts and nuts.
- 4 " " bottom-end bolts and nuts.
- 1 Main crankshaft bearing.
- 4 " " " bolts and nuts.
- 1 Set crankshaft coupling bolts and nuts.
- 1 Set cam-shaft driving wheels.
- 9 Fuel valve needles and 18 springs.
- 9 " pump plungers and 9 bushes for same.
- 9 Suction and 9 discharge valves for fuel pump.
- 1 Complete fuel valve lever.
- 2 Bushes for fuel pump driving link.

© 2020

Lloyd's Register
Foundation

W1153-02001

MAIN ENGINES (Contd.)

- 2 Combined fuel-valve and starting-air casings.
- 2 Pre-starting valves, complete.
- 4 Sets internal parts for fuel-injection valve.
- 4 Fuel-injection valve cams.
- 3 Starting-valve spindles and 3 valves.
- 18 Copper joint rings for main engine cylinder liners.
- 4 " " " " M.P. & L.P. compressor cylinders.
- Assorted copper joint rings for all purposes.
- 2 Rubber buffers for turning gear flexible couplings.
- P.C. packing rings for two pipes.
- Oil, air and fuel piping.
- Miscellaneous bolts, nuts etc.
- Various spare springs.
- Exhaust pipe springs and joints.

ENGINE DRIVEN MAIN COMPRESSOR.

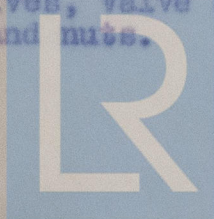
- 1 Set of piston rings for 1 compressor.
- 1 Tube element for each stage of 1 compressor.
- 1/2 Set of valves for 1 compressor.
- 2 Compressor crank-shaft bearing bolts and nuts.
- 2 Valve plates for non-return valve.
- 2 Safety plates for air compressor coolers.
- 2 Copper joint rings for H.P. compressor valves.

ENGINE DRIVEN SCAVENGE PUMP.

- 4 Piston rings for scavenge pump.
- 9 Complete valves and 12 valve plates for scavenge pump.

STEAM DRIVEN AIR COMPRESSOR (REAVELL'S)

- 1 Pair crosshead and crankpin brasses complete with bolts and nuts.
- 1 Set steam piston rings.
- 1 Set H.P. and L.P. air piston rings.
- 1 Complete set suction and delivery valves, valve seats and springs.
- 1 Eccentric strap complete with bolts and nuts.
- 1 L.P. pressure gauge.
- 1 L.P. relief valve.



MAJOR MOTOR DRIVEN AIR COMPRESSORS (REAVELL'S)

- 1 Set H.P., I.P. & L.P. suction and delivery valves.
- 1 Set H.P., I.P. & L.P. valve seats, guards and springs.
- 1 Set H.P., I.P. & L.P. piston rings.
- 10% Intercooler and aftercooler tubes.
- 1 Armature.
- 1 Set field coils.
- 1 Set motor bearings.
- 2 Sets brushes.
- 1 Line brush holders.
- 1 each size operating coil on the panel.
- 1 Set sparking tips.
- 1 Set auxiliary contacts.
- 1 Set main contacts.
- 1 Set springs.
- 1 each size of main resistance units.
- 1 " " " economy resistance units.

306 K.W. OIL ENGINE DRIVEN GENERATORS (RUSTON & HORNSBY'S)

- 2 Cylinder liners.
- 2 " heads.
- 1 Piston complete.
- 1 Connecting rod complete.
- 1 Delivery valve housing complete with seat and ball valve.
- 1 Suction " " " " " " " "
- 9 Atomiser needle valves.
- 9 Atomiser nozzles.
- 18 Atomiser springs.
- 1 Atomiser complete.
- 3 Sets springs for fuel pump.
- 2 Main bearings.
- 1 Main bearing flywheel end.
- 3 Exhaust valves.
- 3 Inlet valves.
- 1 Distributor (less cam) complete.
- 1 Fuel pump.
- 3 connecting rod L.E. bearings.
- 3 " " S.E. " " 3 Piston rings.



© 2020

Lloyd's Register
Foundation

W451 0102 11

-: 4 :-

ENGINE DRIVEN GENERATORS (Contd.)

2 Springs each kind.
 2 Asbestos sheets.
 1 Rubber joint of each kind per cylinder.
 1 Set ball valves, oil pump.
 2 Copper joints each kind.
 1 Armature.
 1 Set (6) compound field coils.
 1 Set (6) interpole coils.
 1 Set brushes.
 1 Line brush holders.
 1 Bearing bush.

10 K.W. TURBO GENERATOR SET (BELLIS & MORCOM'S)

1 Set gland rings and springs.
 1 Set main and emergency governor springs.
 1 Thrust nut.
 1 Oil strainer gauzes.
 1 Complete spare bearing bushes for gearing.
 1 Armature.
 1 Set (4) field coils.
 1 Set (4) interpole coils.
 1 Bearing bush for generator.
 1 Set brushes.
 1 Line brush holders.

10 K.W. OIL COOLERS.

1 Tubes of Cupro Nickel.

10 K.W. PISTONS.

1 Pairs rollers for footstep bearing.
 1 Spindles " " "
 1 Springs for footstep plunger.
 1 Footstep plungers and pins.
 1 Bowl joint rings.



© 2020

Lloyd's Register
Foundation

W1153-0203 11

-: 5 :-

FOR OIL PURIFIERS (CONTD.)

- 5 Disc joint rings.
- 3 Quart oil cans.
- 1 Bowl driving tongue and pin.
- 2 Brake faces.
- 1 Armature.
- 1 Line brush holders.
- 1 Set field coils.
- 1 Set interpole coils.
- 1 Set bearings.
- 1 Set brushes.
- 1 Solenoid operating coil for starter.
- 1 Set contacts for starter.
- 1 Set springs for starter.

FOR FRESH WATER PUMPS (MUMFORD'S)

- 1 Set suction and delivery valves.
- 1 Pump bucket and rod.
- 1 Set gearing comprising worm and worm wheel rim.
- 1 Armature.
- 1 Set field coils.
- 1 Set interpole coils.
- 1 Set bearings.
- 1 Set brushes.
- 1 Line brush holders.
- 1 Multi-contact starter coil.
- 1 M.C. coil resistance unit.
- 1 Complete set of contacts and sparking tips.
- 1 Complete set of springs.
- 1 Main china unit fuse.
- 1 Pilot " " "
- 1 Set of push button contacts.



© 2020

Lloyd's Register
Foundation

WH53-0208/11

-: 6 :-

OIL FUEL TRANSFER PUMPS (MUMFORD'S).

- 1 set suction and delivery valves.
- 1 Pump bucket and rod.
- 1 Set Gearing comprising worm and worm wheel rim.
- 1 Armature.
- 1 Set field coils.
- 1 Set interpole coils.
- 1 Set bearings.
- 1 Set brushes.
- 1 Line brush holders.

GENERAL SERVICE AND BALLAST PUMPS (MUMFORD'S)

- 1 set suction and delivery valves.
- 1 Pump bucket and rod.
- 1 Set Gearing comprising worm and worm wheel rim.
- 1 Armature.
- 1 Set field coils.
- 1 Set interpole coils.
- 1 Set bearings.
- 1 Set brushes.
- 1 Line brush holders.

LUBRICATING OIL PUMPS (STOTHERT & PITT'S)

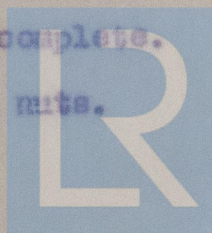
- 1 Complete set of bearing bushes for one unit.
- 1 " " " coupling bushes
- 1 Armature
- 1 Set (4) field coils.
- 1 Set (4) interpole coils.
- 1 Set bearings.
- 1 Set brushes.
- 1 Line brush holders.

ROBSON BOILER FEED PUMPS.

- Suction and 2 discharge valve seats complete.
- Combined piston and plunger rod with nuts.

© 2020

Lloyd's Register
Foundation



W153-0208/11

-: 7 :-

DR JACKET AND PISTON COOLING PUMPS (DRYSDALE'S)

- 1 Pump impeller.
- 1 Pump spindle and set of packing.
- 1 Armature.
- 1 Set field coils.
- 1 Set motor bearings with thrust bearing.
- 2 Sets brushes.
- 1 Line brush holders.

DR BILGE PUMP (DRYSDALE'S).

- 1 Pump impeller.
- 1 Pump spindle and set of packing.
- 1 Set Bushes for pump.
- 1 Set float gear spares with float.
- 1 Set air pump discharge valves and springs complete.
- 1 Set air pump piston rings.
- 1 Armature.
- 1 Set field coils.
- 1 Set motor bearings with thrust bearing.
- 2 Sets brushes.
- 1 Line brush holders.

DR SANITARY PUMP (DRYSDALE'S)

- 1 Pump impeller.
- 1 Pump spindle and set of packing.
- 1 Armature.
- 1 Set field coils.
- 1 Set motor bearings with thrust bearing.
- 2 Sets brushes
- 1 Line brush holders.

FEED WATER GRAVITY FILTER.

- 1 Complete set of filtering medium.

COOLING WATER GRAVITY FILTERS.

- 1 Complete set of filtering medium for one filter.



© 2020

Lloyd's Register
Foundation

W1453-0708/11

WASTE HEAT BOILER.

- 1 Spring for safety valve.
- 1 Valve for feed check valve.
- 24 Handhole and mudhole joints.
- 12 Gauge glasses.
- 24 Rings for gauge glasses.

BOCHRAH BOILER.

- 2 Burner nozzles.
- 1 Basket for oil fuel filter.
- 1 Set spares for electric blower motor.
- 1 " " " starter.
- 3 Gauge glasses and 6 rings.
- 1 Spring for safety valve.

TURNING GEAR MOTORS.

- 1 Armature.
- 1 Set shunt coils.
- 1 Set bearing bushes.
- 2 Sets (12) carbon brushes.
- 1 Set (12) brush holders.

ENGINE ROOM VENTILATING FANS.

- 2 Sets each consisting of -
 - 1 Armature.
 - 1 Field coil.
 - 1 Bearing.
 - 1 Set brushes.
 - 1 Line brush holders.

THE "PIONEER" W.C.

- 1 White glazed Kingsware basin.
- 1 each large and small forked screw drivers for repairing valves.
- 2 Sets oiled dressed leather cups and washers for air valves.
- 1 set ditto, ditto for water supply valves.
- 2 Sets Bronze spiral springs for air and water valves.
- 2 Sets I.R. clack valve seatings.
- 3 doz. Screws assorted for renewals.



© 2020

Lloyd's Register
Foundation

W1153-0208/1

-: 9 :-

8 TYPHON WHISTLES.

Diaphragm and key.

MR BOSCH LUBRICATORS:

1 Pump, 16 feed point.

WINCHES.

1 Worm shaft complete.

1 Worm wheel complete.

1 Roller thrust.

1 Flexible coupling.

1 Brake complete with shoes, pot coil and switch.

4 Pairs (8 halves) side frame brasses.

8 " (16 halves) worm case brasses.

4 Worm shaft brasses.

4 Pairs (8 halves) worm shaft bushes.

4 " (8 ") oil ring brasses.

2 " (4 ") Brasses for right angle brackets.

2 " (4 ") " " supporting brackets.

2 Bushes for clutch barrel.

1 Bush for clutch bevel.

7 - 1 oz. Menno grease cups.

4 - 1/2 oz. " " "

Supply of packing for glands.

6 Sets Ferodo.

3 Brake coils.

1 Brake release spring.

2 Armatures.

2 Sets shunt and compole coils.

2 Sets bearings for motors.

2 Lines brush holders.

16 Sets Carbon brushes.

2 Sets contactor coils.

2 Sets sparking tips.

2 Sets main, auxiliary and drum segment contacts.

2 Sets fingers, tips and springs.



© 2020

Lloyd's Register
Foundation

W153-0208

-: 10 :-

FINCHES (CONTD.)

Starting resistances complete.

Sets of economy resistances.

Foot brake switches.

Sets tips, springs and contacts for selector switch.



© 2020

Lloyd's Register
Foundation

W1153-0208

2055/552

© 2020

Lloyd's Register
Foundation

1. 3. 6. 7. 10. 12. 17. 19. 21. 24. 26. 27. 28 Dec 1. 2. 3. 4. 5. 8. 10. 11. 12. 16. 19. 23. 23. 24. 29 (1931)