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May 24

Spare Gears List for Dynamo Engine, Nagasaki Ship No.472.

M.B.D. ENG: Nos.92, 93 & 94.

E. Dept

- 2 off Cylinder covers.
- 1 set Studs and nuts for one cylinder cover.
- 2 off Cylinder liners with packing rings.
- 6 off Fuel valves complete with valve cage and spring ready for use.
- 4 off Needle valves for fuel valve.
- 6 " Springs for do.
- 3 " Air inlet valves complete with valve cage spring & seats ready use.
- 3 " Air inlet valves with seat.
- 12 " Exhaust valves complete with valve cages, seats & springs.
- 24 " Air inlet and exhaust valve springs.
- 2 " Starting air valves complete with cage valves, seats & springs.
- 1 " Starting air valve.
- 3 " Springs for do.
- 2 sets Each kind of cam rollers.
- 3 off Safety valve complete with cages, valves, and springs.
- 3 " Springs for do.
- 2 " Pistons complete with rings and pins.
- 6 sets Piston rings for do.
- 1 off Connecting rod complete with top and bottom bearing brasses and bolts and nuts.
- 3 sets Bottom end bearing brasses with bolts and nuts for connecting rod.
- 2 " Main bearing brasses with bolts and nuts.
- 1 " Bolt and nut for do.
- 1 " Gear wheels for upper and lower cam shaft drive. (4 off).
- 3 " Plungers for fuel pump for one engine.
- 2 off Gudgeon pins.
- 4 " Brasses for gudgeon pins.
- 1 set Suction and delivery valves for fuel pump.
- 1 " Packings for do.
- 6 off Each kind of springs for do.

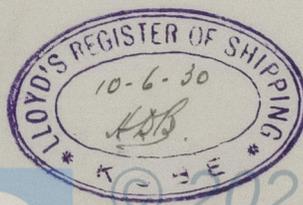


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- 3 sets Springs for governor.
- 3 " Gum packing ring used in one engine between cylinder & cover.
- 1 " Each kind of valve levers.
- 1 " Cooling water and lubricating oil pump valve with seats for one engine.
- 1 " Each kind of pressure gauges. (4 off).
- 3 off Fuel pipes connecting fuel oil main supply pipe & fuel valve.
- 3 sets Each kind of strainers.
- 2 off Each kind of other strainer element.
- 1 set Each kind of spring excluding those specified above.
- 1 " Each kind of bolt do.
- 1 " Complete set of packings for one engine excluding those specified above.
- 1 " Nonreturn valves.
- 1 off Piston for cooling water pump complete with plunger and rod.
- 1 " Cooling water pump plunger with rod.
- 1 " Tube nest complete for lubricating oil cooler.
- 1 set Cam shaft bearing brass with studs and nuts.
- 1 " Working parts of fuel pump.
- 1 " Ball bearings (N.S.K. & S.K.F.)
- 2 sets Union nuts and Nipples.
- 3 off Fuel cams with set bolts.
- 1 " Inlet cam.
- 1 " Exhaust cam.
- 1 " Plunger for emergency valve.



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