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Spare Parts List For Dynamo Engine, Ship No. Nagasaki 474.

Cylinder Covers.

Studs & nuts for one cylinder cover.

Cylinder liners with packing rings.

Fuel valves complete with valve cage & spring ready for use.

Needle valves for fuel valve.

Springs for do.

Air inlet valves complete with valve cage spring & seats ready used

Air inlet valves with seat.

Exhaust valves complete with valve cages, seats & springs.

Air inlet & exhaust valve springs.

Starting air valves complete with cage valves, seats & springs.

Starting air valves.

Springs for do.

Each kind of cam rollers.

Safety valves complete with cages, valves, & springs.

Springs for do.

Pistons complete with rings and pins.

Piston rings for do.

Connecting rod complete with top & bottom bearing brasses,  
and bolts and nuts.

Top & bottom bearing brasses with bolts & nuts for connecting rod.

Main bearing brasses with bolts & nuts.

Bolt and nut for do.

Gear wheels for upper and lower cam shaft drive.

Plungers for fuel pump for one engine.

Suction and delivery valves for fuel pump.

Packings for do.

Each kind of springs for do.

Springs for governor.

Gum packing ring used in one engine between cylinder & cover.

Each kind of valve levers.

Cooling water & lubricating oil pump valves with seats for  
one engine.

Each kind of pressure gauges.

Fuel pipes connecting fuel oil main supply pipe & fuel valves.

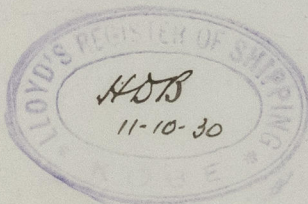
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- sets. Each kind of strainers.
- off Each kind of other strainer element.
- set Each kind of spring excluding those specified above.
- " Each kind of bolt do.
- " Complete set of packings for one engine excluding those specified above.
- " Nonreturn valves for fuel pumps.
- off Piston for cooling water pump complete with plunger & rod.
- " Cooling water pump plunger with rod.
- " Tube nest complete for lubricating oil cooler.
- set Cam shaft bearing brass with studs and nuts.
- " Working parts of fuel pump.
- " Ball bearings (H.S.K. & S.K.V.)
- sets. Union nuts and Nipples.
- off Fuel cam with set bolts.
- " Inlet cam.
- " Exhaust cam.
- " Crank shaft (for 12 Engines.)
- " Plunger for emergency hand pump.



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