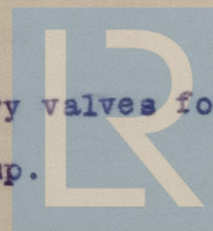


Kobe Shipyard & Engine Works, Mitsubishi
Shipbuilding & Engineering Co., Ltd.

Spare gears list for Dynamo engine Nagasaki Ship No.491

Eng. No. 122, 123 & 124.

1.	1 off	Cylinder cover.
2.	1 set	Studs & nuts for one cylinder cover.
3.	1 set	Fuel oil valve (complete).
4.	5 off	Needle valves for fuel oil valve.
5.	3 off	Nozzles.
6.	3 off	Springs for fuel oil valve.
7.	1 set	Air inlet valve (complete).
8.	each 3 off	Air inlet valves & valve seats.
9.	3 sets	Exhaust valve (complete).
10.	each 2 off	Exhaust valves & valve seats.
11.	each 3 sets	Springs for exhaust valve & air inlet valve.
12.	1 set	Air starting valve & indicator valve (complete).
13.	1 set	Safety valve & indicator valve (complete).
14.	1 set	Piston complete with piston rings.
15.	3 sets	Piston rings.
16.	1 off	Gudgeon pin brass.
17.	1 set	Crank pin brass complete with bolts & nuts.
18.	1 set	Main bearing brass complete with studs & nuts.
19.	1 cylinder	Rollers & pins for valve lever.
20.	1 off	Fuel cam complete with bolts & nuts.
21.	2 off	Plangers for fuel oil pump.
22.	each 2 off	Suction, I.M. valve, delivery valves for fuel oil pump.
23.	2 off	Ball valves for fuel oil pump.



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24. 10 off Each kind of springs for suction delivery plunger & Etc.
25. 1 set Priming mover for fuel oil pump.
26. 4 off (2 sets) Main springs for governor.
27. 1 off Auxiliary springs for governor.
28. 2 sets Valves, valve seats & springs for lubricating & cooling pump.
29. 1 off Pressure gauge for fuel oil pump.
30. 15 off Each kind of springs.
31. 1 set Ball bearing for governor.
32. 1 set Fuel oil pipes.
33. 1 set Each kind packings for one engine.
34. each 1 set
35. 11 off Zinc plates.

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