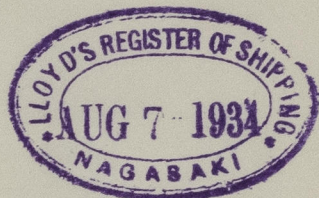
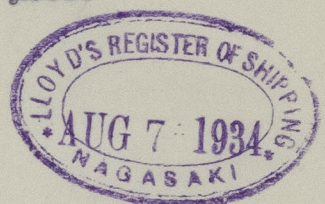


LIST OF SPARE GEARS FOR MAIN ENGINE.



- 1 crank pin bearing with bolts & nuts.
2 crosshead bearings with bolts & nuts.
14 coupling bolts for crank shaft.
1 main bearing complete.
4 " " bolts.
1 " " for scavenging pump crank shaft.
4 " " bolts " " " "
2 top cylinder covers complete.
2 bottom " " "
2 top cylinder liners.
2 bottom " "
4 stuffing box packing rings complete.
1 set scavenging valves for one cylinder.
1 set cyl.lubricating socket with N.R.valve for one cylinder.
36 cylinder cover studs (18 top & 18 bottom).
4 fuel valves complete for top cylinder.
7 " " " " bottom " "
14 needle valves with guide bush for top cylinder fuel valves.
20 " " " " " " bottom " " "
4 guide rods for top cylinder fuel valves.
7 " " " " bottom " " "
21 fuel valv spring (7 top & 14 bottom).
12 fuel oil priming valves.
2 sets starting air valves complete.
1 valve spindle with spring for starting air valve.
1 " seat for starting air valve.
3 starting valve springs.
1 set packing ring for starting valve (6 off).
3 cylinder releif valves (1 top & 2 bottom).
21 " " " and seats (7 top & 14 bottom).
9 " " " valve springs (3 top & 6 bottom).
11 Indicator valves complete (4 top & 7 bottom).
9 " " " and seats (3 top & 6 bottom).
2 pistons complete with rings & rods ready for fitting.
42 piston rings.
2 sets oil scraper rings in crank case.
1 fuel oil service pump complete.
2 sets water gland & packing for piston rod.
2 sets telescopic pipes complete.
2 injection nozzle pieces.
2 sets telescopic tube glands.
56 rubber ring packing for N.R.valve of piston cooling.
2 internal pipes for piston cooling water.
1 bracket for piston rod cooling water connection with dipping pipe.
14 adjusting liners for guide bars.
1 set gear wheels for cam shaft (3).
3 fuel pumps complete.
4 " " plungers with guides and springs.
14 copper liners for plungers.
8 suction & 8 delivery valves, seats & springs for fuel pumps.
4 fuel pump safety valves with seats & springs.
4 ahead & 2 astern cams complete with extra pins rollers bushes, springs and guide pieces.
2 push rods & springs for pilot valves of fuel pump.
8 sets fuel pipes (4 top & 4 bottom) from pump to valves.
1 set cam shaft bearings with bolts & nuts.
1 valve with seat & spring for manoeuvring gears.
2 piston rings for air piston & manoeuvring gear.
2 springs & gears wheel for governor.
1 cylinder lub.oil pump complete.

9 sets suction & 9 sets discharge valves for scavenging pump.
5 flat valves for scavenging pump.
1 set piston rings for scavenging pump.
1 set piston rods metallic packing for scavenging pump.
1 set piston rod bushes for scavenging pump.
1 crank brass with bolts & nuts. for scavenging pump.
2 crosshead brasses with bolts & nuts for scavenging pump.
7 thrust pads for main thrust block.
1 set journal bearing brasses for thrust block.
4 filter elements for fuel pumps suction.
1 fuel valve test pump complete.
A large number of bolts, nuts, springs and iron of various sizes.
One pressure gauge & thermometer of each size used.



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