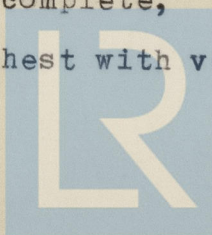


SEAGOING MOTORTUG "ZWARTE ZEE".

LIST OF SPARE PARTS - MAIN MOTOR .

- 1 Cylinder with studs, covers and pipe complete
- 1 Cylinder extensionpiece with covers, overflow and eyebolts complete,
- 1 Main bearing, with bolts and nuts complete,
- 9 Crankshaft bolts with nuts,
- 2 pistons with studs, nuts and cover complete,
- 20 piston rings,
- 6 scraper rings,
- 6 telescopic pipes with
- 4 injection tubes and
- 6 sets of packing and
- 6 thermometers.
- 6 exhaust valve chests and
- 1 inlet valve chest with valves and springs complete.
- 2 valves with stems
- 2 valve seats,
- 6 springs for valves,
- 1 cooling jacket for atomizer,
- 3 atomizers,
- 3 springs and
- 6 bottom pieces for atomizers,
with needle and nozzles complete,
- 1 starting non-return valve chest with valve and spring complete and
- 1 valve complete;



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- 1 starting valve chest with valve, spring and safety plate compl. and
- 3 springs and
- 1 starting roller and pin and
- 5 safety plates.
- 1 crankpin brass with bolt and nut complete,
- 1 crosspin " " " nut and covers complete,
- 2 pins with nut and
- 1 roller for in-ex rocking lever,
- 2 springs for packing rings of supercharged pump,
- 2 valves with seats complete for " "
- 2 piston rings for supercharged pump,
- 3 springs for adjusting of the plunger of fuel pumps,
- 3 packing rings for seats,
- 3 seats for delivery valves,
- 3 safety valves for fuel pumps,
- 3 delivery valves with springs and
- 2 fuel pumps,
- 3 pins, rollers and springs for fuel pump gear,
- 1 safety and relieve valve house complete,
- 1 valve and
- 2 springs,
- 6 - 7/8" stud bolts,
- 12 spring washers and
- 1 pyrometer for bend piece of exhaust pipe,
- 1 cylinder lubricating oil pump complete,
- 1 set of lubr. oil pipes with valve seats and couplings compl.

6 "Peet's" valves with nipples,
8 pipe couplings,
7 rings and
1 reducing piece for cooling water pipe lines of valve chests,
6 fuel delivery pipes with couplings complete and
2 fuel inlet pipes with couplings complete,
50 various bolts and nuts.

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Amsterdam, 17th July 1933.

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