

LIST OF SPARE PARTS FOR THE MAIN ENGINES OF THE

M.V. "LION", AMS.RPT.NO. 11700^a

- 1 Cylinderhead, liner and extensionpiece
- 2 Pistons with rings complete
- 60 Piston rings for same
- 12 Scraperrings for same
- 3 Inletvalves with cages and springs complete
- 3 Inletvalves (spindle with disc)
- 6 Loose seats for inlet valve cage
- 12 Exhaust valves with cages and springs complete
- 2 Exhaust valves (spindle and disc complete)
- 6 Loose seats for exhaust valve cage
- 6 Fuel valves with cages, sprayers, needles etc.complete
- 8 Fuel needles with nuts
- 6 loose seats seats for fuel valve cage
- 6 Sprayers
- 12 Diaphragm plates
- 6 Packings complete for one fuel valve
- 12 Copperrings under fuel valve house
- 6 Starting valves complete with cages and springs
- 2 Starting valves
- 6 Loose seats for starting valves
- 1 Safety- and reliefvalve with cage and springs complete
- 1 set of springs. One set consists of all springs of one six-cylinder engine, water-, lubricating- and fuelpumps included but
- 6 Springs for outlet valve
- 6 Springs for fuel valve
- 2 Springs for H.P. safety valve
- 2 " " I.P. " "
- 2 " " H.P. " "
- 12 Leather packing rings for servo-motor for starting gear
- 2 sets of leather packing rings for reversing engine
- 4 sets of scraperrings for pistonrod
- 2 Springs for safety valve of cooling waterpump
- 2 Crankpinbrasses (Top-half)
- 2 bolts with nuts for crankpin brasses
- 1 Set of crosshead-brasses complete for one connectingrod
- 4 Bolts with nuts for crossheadbrasses
- 1 Half main bearing brass (Lower part)
- 4 Studs with nuts for main bearing brass
- 4 Telescopic pipes
- 1 Connecting rod for fuel pump
- 1 Crosshead pin for fuel pump
- 1 Brass for driving gear of the fuel pump
- 2 Plungers with ground bushes
- 2 Delivery valve cages
- 6 Fuel valves for the fuel pump
- 2 Pushrods with guides for the suction valves
- 2 Sets of packingrings for the fuelpump plunger
- 2 Control spindles in fuel pump
- 1 Roller and pin for one inlet-outlet-fuel and starting lever
- 1 Exhaust valve lever
- 1 Set of studs for bolting one cylinder to the cylinder beam
- 1 Set of coupling bolts for one flange of the crankshaft
- 1 Set of spare rubberrings complete for six cyl.engine
- 2 Pipes with unions for H.P. fuel pump
- 2 " " " " inblast air pipe
- 1 " " flange for starting air pipe
- 18 Different blank cones
- 1 Spindle of each size for inblast air bottle
- 1/2 Set of ~~valves~~ valves and seats of the bilge- and pistoncoolingwater pumps of one engine.
- 76 Fiber valves of the cooling water pump
- 1 Ste of pistonbolts of one piston.
- 4 Safety plates for the starting air pipes
- 12 Safety tubes for the inblast air apipes
- 24 Hall's safety plates
- 2 H.P. safety valves for the inblast air line
- 1 I.P. safety valve for the compressor
- 1 L.P. " " " "

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1 Cylind
 2 Piaton
 60 Piaton
 12 Scrape
 12 Intetv
 2 Intetv
 2 Loose
 12 Exhaus
 2 Exhaus
 2 Loose
 1 Fuel v
 8 Fuel m
 2 Loose
 2 Sprave
 12 Damp
 2 Packin
 12 Copper
 2 Starti
 2 Starti
 2 Loose
 1 Safety
 1 set of
 engine
 2 Spring
 2 Spring
 2 Spring
 2 "
 2 "
 12 Leathe
 2 sets o
 1 set o
 2 Spring
 2 Crankp
 2 Bolts
 1 set of
 4 Bolts
 1 Half ma
 4 Studs
 1 Telesc
 1 Connec
 1 Grossh
 1 Brass
 2 Plunge
 2 Delive
 2 Fuel v
 2 Pasho
 2 Sets o
 2 Contro
 1 Roller
 1 Exhaus
 1 set of
 1 set of
 1 set of
 2 pipes
 2 "
 1 "
 18 Differ
 1 Spring
 1 set of
 pumps of
 76 Fiber
 1 Ste of
 1 Safety
 12 Safet
 24 Halli's
 2 H.P.
 1 I.P.
 1 I.P.

- 150 Assorted bolts and nuts
- 150 Assorted stud with nuts
- 24 Assorted screwed unions
- 2 pads for Michell Thrustblock
- 1 Cartridge lubricating oil strainer
- 1 Propeller shaft with key and nut
- 1 Set of coupling bolts for one flange, if not same size^{as} for crankshaft
- 2 Propellers of cast ~~iron~~ iron
- 1 Template for propeller shaft taper
- 1 " " shaft couplings
- 1 Packing of each size for air bottle valves
- 2 Length of air hoses with connections 15 M. each
- 1 Flange with airhose coupling fitted in convenient position.
- 12 Foundation bolts.

W. W. W. W.



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