

Boat No. 1099.

M.Y. "ANNA MARIE"

LIST OF MAIN ENGINE SPARES.

List of Machinery Outfit and Spare Gear

Spares supplied with Main Engines

Item	No. off	Supplied by
Coupling bolts and nuts tail shaft	8	J.I.T. & Co. Works.
do. do. Intermediate shaft	8	Dwg. No. 29782
"Palmetto" packing for fuel pumps	10'0	
Piston rings of each width	10	
Engine sprayer complete	1	
Crankcase air valve flaps	40	
Water circulating pump valves	4	
Bilge do. do.	4	
Water circulating pump ram cups	4	
Bilge do. do.	4	
Air control valve springs	2	
Air starting valve springs	2	
Sub. oil pump relief valve spring	2	
do. do. delivery do. do.	2	
Governor outside spring	2	
Air compressor L.P. Valve spring	2	
Air compressor H.P. suction valve spring	2	
Air compressor H.P. delivery do.	2	
Wreack safety valve spring.	4	
Fuel Pump delivery ball valve	20	
Fuel Pump delivery ball valve spring	20	
do. do. suction ball valve	10.	
do. do. do. do. valve spring	10.	
do. do. relief ball N.R. Valve	10	
do. do. do. do. do. do. spring	10	
do. do. do. valve spring	10.	
do. do. ram spring	10.	



	No. off.	Supplied by
Fuel Pump relief valve tappet spring	10.	
Connecting rod priming screws	10	
Plugs copper and asbestos washers	2	
Engine set breech rubber joint rings	1	
Pump to sprayer fuel pipes for five cyls.	1 set	
Cylinder set zinc spigots for breech joint rings	1	
Sprayer fuel strainers	10.	

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Item	No. off.	Supplied by.
Connecting rod bottom end bolts and nuts.	4	
Crankpin lubricator buttons	3	
do. do. do. ring complete	1	
Complete sets compressor valves and springs	2	
Complete sets compressor piston rings	2	
Compressor piston pin locating springs	6	
Pint lubricator pump bodies complete	2	
Pint lubricator measuring rams	2	
do. do. delivery do.	2	
do. do. oil level tubes	6	
do. do. ball valves & springs	12.	
Bilge Pump air valves.	4	
Water do. do. do.	4	
Water Pump Valve seats	2	
Water Pump Bolts and Nuts	2	
Bilge Pump Valve Seats	2	
Bilge Pump bolts and nuts	2	
Exhaust Manifold Thermometers	5	
do. do. adapters.	5	
Lub. oil pressure gauge	1	
do. Pump eccentric and strap	1	
Steel split pins for bottom end bolts	3 doz.	
Sprayer Valve prickers	3 doz.	
Engine enamel	4 galls.	
Compressed air starting valve assemblies	2	
Compressor control valves	2	
Compressed air control cam lever	2	
Adjusting screw and nuts	2	
Ditto Valve Box assembly	1	
Small pair piston ring pliers	1	

MORRIS HENRY AND GARDNER.



Cylinder breech assembly	1
Fuel Pump assembly	1
Piston do.	1
Piston Pin	1
Top end bearing plates	5
do. do. do. do. binding screws	5
do. do. do. do. adjusting screws and nuts	5
Fuel sprayer assemblies	2
Crankcase air valve plate assemblies with flap guard less cover	1
Crankcase air valve flaps	72
Water Pump valves	4
do. do. cup washers	4
Bilge Pump cup washers	4
do. do. valves	4
Complete sets C & A. washers	2
do. do. engine springs	2
Complete sets cylinder water joint Zinc spigots (50 per set)	2
Complete sets cylinder water joint rubber rings (50 per set)	2
Oil squirts	2
Piston rings narrow	12
Piston rings wide	12
Big end bearings	2 pairs.
Main bearings f.w. end	2 do.
do. do. centre	2 do.
Con. red oil priming screws	12
Sprayer valve grinding tool	1
Compression relief valves	10
Cylinder breech cover safety valves	1

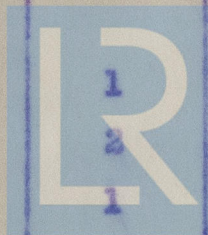


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Item	No. off.	Supplied by.
Large pair piston ring pliers.	1	MORRIS HEWITT & GARDNER.
Fuel pump rams	5	
do. do. strikers	5	
Sets fuel pump ball valves	10	
Fuel pump relief valves	5	
Fuel Pump Tappet rods	5	
Fuel pump cam rollers and pins	5	
Assorted steel split pins	1 gross.	
Roll "Palmetto" packing	1	
Air compressor conn. rod. assembly with two pump links	1	
Flexible joint assemblies and wedges	5	
Sprayer strainers	12	
Complete set clutch levers rollers and pins	1	
Steam release needle valves	6	
Spare spring relieve valve for each size fitted to compressor and air bottles	1	
Crankshaft sealing washers	2	
Set Ball Thrust races	1	



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