

Steel Twin Sc. (Oil Driven) " PALMOL " - Hpl Machinery Rpt No. .

ENGINES - Silencers and cylinders have water jackets for cooling purposes;

Exhaust pipes are coated with non-conducting material;

Engines are fitted with forced lubrication (sight glasses on main bearings and on crank lubricating pipes):

Governor fitted to control engines when declutched or racing:

Flywheel fitted at forward end of crank shaft:

Safety valves are fitted to compressed air line for starting engines:

One hand compressor and one belt-driven compressor fitted to re-charge air bottles, when main engines are stopped.

Nos. of air receivers or bottles, - main engines, 4, 17 $\frac{3}{8}$ " external dia. 7" long, w.p. 180, lbs.

Nos of air receivers or bottles, - auxiliary engines, 3, 7" external dia. 8 long, w.p. 180 lbs.

Fuel oil tanks are fitted with drains and trays; filters are fitted on fuel piping for main engines; air pipes to fuel tanks are led to deck; ready use fuel tanks can be shut off from deck (emergency) ready use tank pump lines are fitted with relief valves (enclosed) and piping is also fitted to relief valves to return any oil or air to storage tank:

Compressed air cocks and pipes are fitted to main and tank injections for clearing purposes;

Bilge pumps can pump through cooling system in case of emergency and relief valves are fitted to prevent overload;

Hot bulb lamps are enclosed type, fitted on brackets;

Hoods are fitted over cylinder tops for carrying away fumes to deck;

An efficient fire extinguishing apparatus is provided in engine-room.



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