

Steel Twin Sc. (Oil Driven) " OAKOL " - 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 $\frac{1}{2}$ " external dia. 7 $\frac{1}{2}$ ft. long, w.p. 180 lbs.

Nos. of air receivers or bottles, - auxiliary engines, 3, 7" external dia. 8 $\frac{1}{2}$ ft. 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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NOTE.- With a view to increasing revolutions of engines and bringing same up to 225 per minute, propellers of following reduced dimensions will, it is stated, be fitted at first convenient opportunity, -

dia. 6'-3"; pitch 5'-0"; disc area 12 sq.ft.



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