W1157 - 0147

Lloyd's Register of Shipping.

Data sheet for

PETROL, PARAFFIN AND HEAVY OIL ENGINES FOR MAIN PROPELLING PURPOSES.

*(This form to be filled in and forwarded when plans or particulars of shafting are submitted for approval.
Particulars which do not apply to be crossed out.)*

(1) Shipbuilders :— *Lithgows Ltd*   Yard No. :— *928*

(2) Engineers :— *Barclay Curle & Co Ltd*   Engine No. :— *EW 124*

(3) Type of Engine :—Petrol, Paraffin or Heavy Oil. *Heavy Oil*

(4) Smooth Water or Open Sea Service. *Open sea service*

(5) Two or Four Stroke Cycle. *2*

(6) Single or Double Acting or Opposed Piston. *Opposed Piston*

(7) Number of Cylinders :— *3*

(8) Diameter of Cylinders :— *560 m/m*

(9) Stroke :— *(Combined)* *2160 m/m*

(10) Span of Bearings from inner edge to inner edge :—

(11) Centres of Side Rods for Opposed Piston Engines :— *1120 m/m*

(12) Maximum Pressure in Cylinders :— *600 lbs*

(13) Mean Indicated Pressure :— *89*

(14) Brake Horse Power :— *1890*

(15) Revolutions per minute :— *99*

(16) Weight of Flywheel :— *Ford 7.0 tons   aft 6.11 tons*

(17) Diameter of Flywheel :— *Ford 2240 m/m   aft 2320 m/m*

(18) GD² of balance weights :—

(19) Diameter of Propeller :— *15' 0"*

(20) Is Propeller Shaft fitted with Continuous Liner :— *3/4"*

(21) If the material for the crankshaft is of higher tensile strength than required by the Rules, the following particulars should be forwarded :—
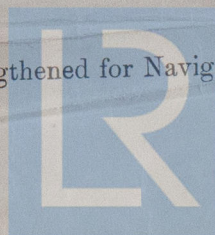
Ultimate Tensile Strength.   Yield Point.   Elongation.   Gauge Length.

(22) Where Dowel Pins are not fitted in the case of built crankshafts, the following information should be supplied :—

    (a) Shrinkage Allowance :—

    (b) Yield point of Crankweb Material :—

(23) Is vessel intended to have the notation :— " Strengthened for Navigation in Ice " :—

(24) If so, state the material of the propeller :—