

MAIN ENGINES.

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.)

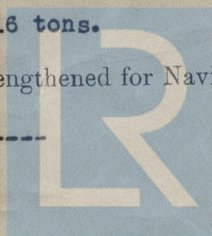
- (1) Shipbuilders:— **Messrs. J.L. Thompson & Sons Ltd.** Yard No.:— **600**
- (2) Engineers:— **Richardsons, Westgarth & Co. Ltd.** Engine No.:— **H.2695.**
- (3) Type of Engine:—Petrol, Paraffin or Heavy Oil. **Heavy Oil Engine.**
- (4) Smooth Water or Open Sea Service. **Open Sea Service.**
- (5) Two or Four Stroke Cycle. **Two Stroke Cycle.**
- (6) Single or Double Acting or Opposed Piston. **Opposed Piston.**
- (7) Number of Cylinders:— **Four.**
- (8) Diameter of Cylinders:— **600 mm.**
- (9) Stroke:— **Lower Stroke 1340 mm. - Upper Stroke 980 mm.**
- (10) Span of Bearings from inner edge to inner edge:— **940 mm.**
- (11) Centres of Side Rods for Opposed Piston Engines:— **1200 mm.**
- (12) Maximum Pressure in Cylinders:— **570 lbs/sq.inch.**
- (13) Mean Indicated Pressure:— **86.5 lbs/sq.inch.**
- (14) Brake Horse Power:— **3200**
- (15) Revolutions per minute:— **106**
- (16) Weight of Flywheel:— **Forward Flywheel 1.37 tons. After Flywheel 1.5 tons.**
- (17) Diameter of Flywheel:— **Forward Flywheel 7'-7" After Flywheel 6'-4 $\frac{3}{4}$ ".**
- (18) GD² of balance weights:— **None.**
- (19) Diameter of Propeller:— **16'-0".**
- (20) Is Propeller Shaft fitted with Continuous Liner:— **Yes.**
- (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.
28/32 tons.	14/16 tons.	as required by Lloyds.	as required by Lloyds.

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

- (a) Shrinkage Allowance:— **To Lloyds Requirements.**
- (b) Yield point of Crankweb Material:— **14/16 tons.**

- (23) Is vessel intended to have the notation:—"Strengthened for Navigation in Ice":— **No.**
- (24) If so, state the material of the propeller:— **---**

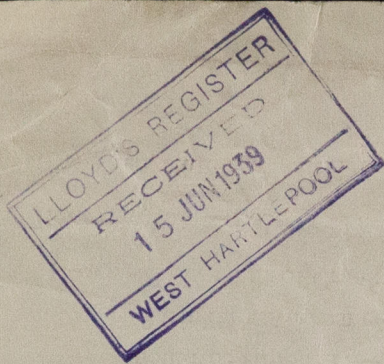


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