

MAIN ENGINES.

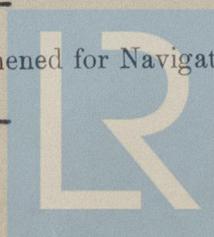
# Lloyd's Register of Shipping.

*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:— Wm. Denny & Bros., Ltd., Dumbarton. Yard No.:— ----
- (2) Engineers:— ( Wm. Denny & Bros., Ltd., Dumbarton, Engine No.:— 23335,  
( Sulzer Bros., Winterthur. 23342.
- (3) Type of Engine:—Petrol, Paraffin or Heavy Oil. Heavy Oil. Type 7 TS 48.
- (4) Smooth Water or Open Sea Service. -----
- (5) Two or Four Stroke Cycle. Two Stroke
- (6) Single or Double Acting or Opposed Piston. Single Acting
- (7) Number of Cylinders:— 7
- (8) Diameter of Cylinders:— 480 mm.
- (9) Stroke:— 700 mm.
- (10) Span of Bearings from inner edge to inner edge:— 550 mm.
- (11) Centres of Side Rods for Opposed Piston Engines:— ----
- (12) Maximum Pressure in Cylinders:— 850 lbs. per sq. inch.
- (13) Mean Indicated Pressure:— 80 lbs. per sq. inch.
- (14) Brake Horse Power:— 2380
- (15) Revolutions per minute:— 260
- (16) Weight of Flywheel:— -----
- (17) Diameter of Flywheel:— -----
- (18) GD<sup>2</sup> of balance weights:— -----
- (19) Diameter of Propeller:— -----
- (20) Is Propeller Shaft fitted with Continuous Liner:— -----
- (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. |
|----------------------------|----------------|-------------|---------------|
| 32-37 tons/sq.in.          | 50%<br>minimum | 29-25%      | 2"            |
- (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:— -----



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