

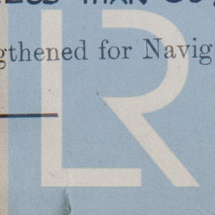
MAIN ENGINES.

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:— S.H. & W.R. LTD WALLSEND. Yard No.:— 1569
- (2) Engineers:— " NEPTUNE WORKS. Engine No.:— 1624
- (3) Type of Engine:— ~~Petrol, Paraffin or~~ Heavy Oil.
- (4) ~~Smooth Water or~~ Open Sea Service.
- (5) ~~Two or Four~~ Stroke Cycle.
- (6) ~~Single or Double Acting or~~ Opposed Piston.
- (7) Number of Cylinders:— 5 EACH ENGINE
- (8) Diameter of Cylinders:— 670 M/M
- (9) Stroke:— 2320 M/M.
- (10) ~~Span of Bearings from inner edge to inner edge:—~~
- (11) Centres of Side Rods for Opposed Piston Engines:— 1300 M/M.
- (12) Maximum Pressure in Cylinders:— 45 KG./CM² = 640 LBS/IN²
- (13) Mean Indicated Pressure:— 89 LBS/IN²
- (14) Brake Horse Power:— 5350 EACH ENGINE
- (15) Revolutions per minute:— 110
- (16) Weight of Flywheel:— AFT ABOUT .85 TON
FOR DETUNER ABOUT 3.5 TON
- (17) Diameter of Flywheel:— AFT 8'-2" ABOUT
FOR 5'-6" ABOUT
- (18) GD² 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. |
|----------------------------|--------------|-------------|---------------|
| — | — | — | — |
- (22) Where Dowel Pins are not fitted in the case of built crankshafts, the following information should be supplied:—
- (a) Shrinkage Allowance:— .0018" TO .0020" PER INCH DIAMETER.
- (b) Yield point of Crankweb Material:— NOT LESS THAN 50% OF TENSILE STRENGTH.
- (23) Is vessel intended to have the notation:—"Strengthened for Navigation in Ice":— —
- (24) If so, state the material of the propeller:— —



© 2020
Lloyd's Register
Foundation