

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:— **A.B. Lindholmens Varv** Yard No.:— **964**
- (2) Engineers:— **A.-B. Götaverken** Engine No.:— **1481/2**
- (3) Type of Engine:— ~~Paraffin~~ ~~Gasoline~~ Heavy Oil.
- (4) ~~Smooth Water~~ Open Sea Service.
- (5) Two ~~or~~ ~~Four~~ Stroke Cycle.
- (6) Single ~~or Double~~ Acting ~~or Opposed~~ ~~Piston~~.
- (7) Number of Cylinders:— **6**
- (8) Diameter of Cylinders:— **500 mm.**
- (9) Stroke:— **900 mm.**
- (10) Span of Bearings from inner edge to inner edge:— **898 mm. — ?698**
- (11) Centres of Side Rods for Opposed Piston Engines:— **—**
- (12) Maximum Pressure in Cylinders:— **49 kg/cm<sup>2</sup>**
- (13) Mean Indicated Pressure:— **7 "**
- (14) Brake Horse Power:— **2100**
- (15) Revolutions per minute:— **160**
- (16) Weight of ~~Propeller~~ **turning wheel:—** **840 kg.**
- (17) Diameter of ~~Propeller~~ **— " —** **1652 mm.**
- (18) GD<sup>2</sup> of balance weights:— **4800**
- (19) Diameter of Propeller:— **About 11<sup>1</sup>/<sub>2</sub>—3"**
- (20) Is Propeller Shaft fitted with Continuous Liner:— **No. O.G. to be fitted.**
- (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.
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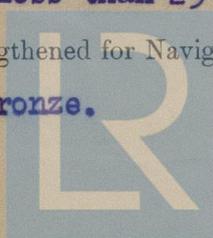
- (22) Where Dowel Pins are not fitted in the case of built crankshafts, the following information should be supplied:—

(a) Shrinkage Allowance:— **1/600**

(b) Yield point of Crankweb Material:— **Not less than 25 kg/mm<sup>2</sup>**

- (23) Is vessel intended to have the notation:—“Strengthened for Navigation in Ice”:— **Yes**

- (24) If so, state the material of the propeller:— **Bronze.**



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Foundation

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