

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.)

| | | | |
|---|-----------------------------------|--------------|---------------------------------------|
| Shipbuilders:— | M.V. 'EMPIRE WANSBECK' | Yard No.:— | |
| Engineers:— | Maschinenfabrik Augsburg-Nürnberg | Engine No.:— | 45031 45036 |
| Type of Engine:— | Petrol, Paraffin or Heavy Oil. | | Heavy Oil |
| Smooth Water or Open Sea Service. | | | Open Sea |
| Two or Four Stroke Cycle. | | | Two |
| Single or Double Acting or Opposed Piston. | | | Double |
| Number of Cylinders:— | | | 6 |
| Diameter of Cylinders:— | | | 23 1/8" |
| Stroke:— | | | 35 7/16" |
| Span of Bearings from inner edge to inner edge:— | | | 34 1/2" |
| Centres of Side Rods for Opposed Piston Engines:— | | | ✓ |
| Maximum Pressure in Cylinders:— | | | ✓ |
| Mean Indicated Pressure:— | | | ✓ |
| Brake Horse Power:— | 3950 | | Crank pins & journals 16 1/2" d |
| Revolutions per minute:— | 140 | | Crank webs breadth 22" |
| Weight of Flywheel:— | | | " " thickness 9 1/4" |
| Diameter of Flywheel:— | approx. 7ft. | | Fly wheel shaft 16 1/2" d. |
| GD ² of balance weights:— | | | Thrust shaft 13 1/8" d |
| Diameter of Propeller:— | | | Intermediate shafts 12 9/16" d. |
| Is Propeller Shaft fitted with Continuous Liner:— | yes | | Screw shaft joint of gland 13 1/8" d. |

If the material for the crankshaft is of higher tensile strength than required by the Rules, the following particulars should be forwarded:—

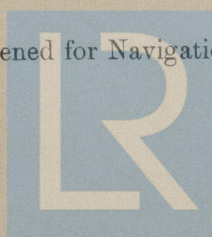
| | | | |
|----------------------------|--------------|-------------|---------------|
| Ultimate Tensile Strength. | Yield Point. | Elongation. | Gauge Length. |
|----------------------------|--------------|-------------|---------------|

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:—

Is vessel intended to have the notation:—"Strengthened for Navigation in Ice":—No.

If so, state the material of the propeller:—



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Lloyd's Register
Foundation

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