

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.*
 GD² 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.
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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:—

