

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port _____)

No. 9884. ENGINE FORGINGS OR CASTINGS.

I have to report that the ~~Forgings or Castings~~, as herein described, manufactured by Messrs. Burmeister & Wain of Copenhagen for the ~~Engines No. _____~~ being constructed by S/S "Helle" of Frederiksstad ~~being repaired~~ by Messrs. Frederiksstad Mekaniske Værksted of Frederiksstad have been inspected by me as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been despatched to _____

The words FORGINGS or CASTINGS should be struck out as may be required.

Mark on Forgings or Castings.

Lloyd's
No. 1581.
6.1.33.

Copenhagen, 24th January 1933.

A. S. Jacobsen
SURVEYOR TO LLOYD'S
REGISTER OF SHIPPING

	CRANK SHAFT. (2 flange ends, 2 pins, 4 webs) FLYWHEEL SHAFT.	THRUST SHAFT. (afterm. length)	INTERMEDIATE SHAFT.	TUBE SHAFT.	SCREW SHAFT.
Material* ...	S. M. I. Steel.	/			
How made ...	Hydraulic forged.				
If Annealed ...	Yes.				
Dimensions, Forgings	Diam. $\frac{1}{2}$ in. 260 Pins: 258				
Weight, Castings	✓				
Progress on Inspection	Forged & finished.				
Tests on Standard Test Pieces.	1 shaft journal: -				
Tensile Test— Tons per square inch	30.2 ~ 32.0				
Extension per cent	2 ~ 39.8 ~ 36.8				
Cold Bending Test— Angle before fracture	180° good.				
Dates when Inspected	20/12, 23/12, 24/12, 28/12, 32. 6/1. 33.				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) Kr. 40.- To be paid at Copenhagen.

* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

10m.10.30.



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W1293-0146