

# Lloyd's Register of Shipping.

(Report on Machinery, No. 9574)Port GothenburgK Castings

## No. 999. ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings <sup>& Castings</sup> ~~or Castings~~, as herein described, manufactured by Messrs. Burmeister & Wain of Copenhagen for the Engines No.            being constructed by Messrs. J. S. Go'taverken of Gothenburg for the Ship No. 49, being built by Messrs. Odense Staalskibevoerket ved A. P. Møller of Odense 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

Work on Forgings or Castings.

Copenhagen, 15<sup>th</sup> May 1933.

Lloyd's  
No. 1688  
K 4.5.33

Chubb  
SURVEYOR TO LLOYD'S

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	SCREW SHAFT.
semi-built crank bodies	4 throw crank shaft for Starb. Main Eng. 2 webs, 1 pin, 4 shaft journals, 1 flange end <del>FLYWHEEL SHAFT.</del>	Forward Length.		
Material* ...	S. M. I. Steel.	/		
How made ...	Hydraulic forged.			
Annealed ...	Yes.			
Dimensions, Forgings	Diam. 380 mm.			
Weight, Castings	✓			
Progress on Inspection }	Finished.			
Tests on Standard Test Pieces.	1 body: - 2 bodies: - 1 pin, 4 journals & 1 flange end: -			
Tensile Test—	30.5    30.2    31.4			
Tons per square inch	36.4    37.4    38.4			
Extension per cent				
Cold Bending Test—	Good.			
Angle before fracture				
Dates when Inspected	1/3, 8/3, 9/3, 24/3, 1/4, 6/4 4/5. 33.			

## PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Cast steel crank web: — Tensile strength: — Elongation: —  
Do. 30.4 t. 40.4 %  
30.1 t. 40.4 %  
Bend Tests good, 120°.  
Drilling Tests good.

Fee (if any chargeable) £1. 60. 00 + exp. 7/6 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.