

W283-0041

Received at _____ Office, _____ 19__

Lloyd's Register of Shipping.

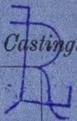
Order: 89548/89615. Report on Machinery, No. _____ Port _____)

No. 21399 ENGINE FORGINGS OR CASTINGS ~~OR CASTINGS~~

I have to report that the ~~Iron~~ Steel Forgings ~~and castings~~, as herein described, manufactured by Messrs. Hamel & Lueg G.m.b.H. of Disseldorf for the Engines No. 860 being constructed by Messrs. Wallsend Slipw. & Eng. Co. of Wallsend for the Ship No. _____, being built by _____ of _____ have been inspected by me as set forth below, and found to be, so far as can be seen, **3 Intermediate shafts sound and free from surface defects.**

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

Mark on Forgings or Castings.

Lloyd's 
No. 81/82/83.
J.L. 19.12.24.

Düsseldorf 22nd December 1924.

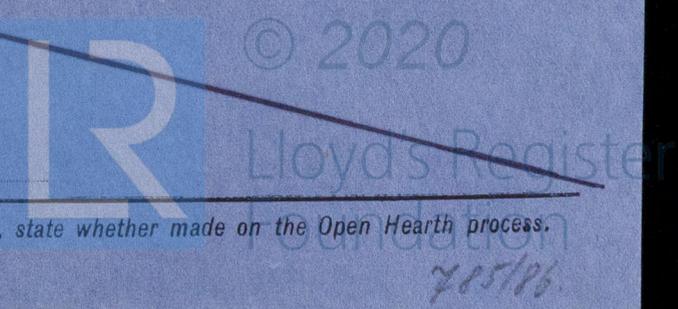
J. Looyen

	CRANK SHAFT.	STRAIGHT SHAFTING.		
		1 intern. shaft	1 INTERMEDIATE SHAFT	1 intern. shaft
		81	82	83
Material* ...	/	Annealed Siemens Martin Acid Steel		
How made ...		forged		
Dimensions ...		11 3/4 " ø		
Progress on Inspection }		rough turned		
Tests on Standard Test Pieces.		.798 3"	.798 3"	.798 3"
Tensile Test—				
Tons per square inch		28,3	28,5	29,3
Extension per cent		31,3	28,6	32,6
Cold Bending Test—				
Angle before fracture	180 degr. good	180 degr. good	180 degr. good	
Dates when Inspected	19.12.24.	19.12.24.	19.12.24.	

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £
To be paid at **Düsseldorf**.

* If of iron, state whether scrap or puddled iron. If of steel, state whether made on the Open Hearth process.



705/86