

Lloyd's Register of Shipping.

Order: 162672.

(Report on Machinery, No.

Port

No. 25681

ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Gutehoffnungshütte A.G. of Sterkrade for the Engines No. being constructed by of for the Ship No. 156, being built by Messrs. Kockums mek. Verkstad of Malmö 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 Malmö.

on Forgings or Castings.

Lloyd's

No. 2148.

J. 9. 15. 10. 27.

Düsseldorf 17th October 1927.

Yul. Quast

1 three throw built up crank shaft with pump throw

Surveyor to Lloyd's Register

	CRANK SHAFT. 4 webs	TRUSS SHAFT 2 webs	INTERMEDIATE SHAFT. 2 journals & 3 pins	VALVE SHAFT 2 pins
Material ...	Annealed	Siemens Martin	Ingot Steel	
made ...	forged	forged	forged	forged
annealed ...	Yes	Yes	Yes	Yes
Dimensions, Forgings			360 mm Ø	360 mm Ø
Weight, Castings				
Progress on } Inspection }	rough turned and finished		rough turned and finished	
Tests on Standard Test Pieces.	.798 3"	.798 3"	.798 3"	.798 3"
Welding Test— Tons per square inch	31.1 31.8	30.5 30.1	30.4 29.7	29.5 28.1
Extension per cent	27.0 30.6	33.3 33.3	34.0 33.3	32.0 32.0
and Bending Test— Angle before fracture	180 degr. good	180 degr. good	180 degr. good	180 degr. good
Tests when Inspected	15.10.27.	15.10.27.	15.10.27.	15.10.27.

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

1 pump throw .798 3" 29.5 Tons p.sq.inch. 32.0% Elongation.

fee (if any chargeable) £

To be paid at Düsseldorf.

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

Lloyd's Register of Shipping

ENGINE FORGINGS

I have to report that the Forgings ~~XXXXXXXXXX~~ as herein described, manufactured by Messrs. Gutehoffnungshütte A.G. of Sterkrade, being built by the Ship No. 158, of Malmö, Messrs. Kockums mak. Verkestad 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 dispatched to Malmö.

Düsseldorf 17th October 1927.

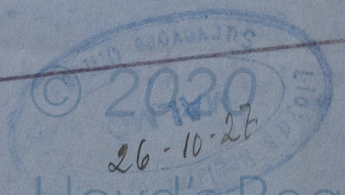
Wm. G. Clark

I three throw built up crank shaft with pump throw.

XXXXXXXXXX		XXXXXXXXXX		XXXXXXXXXX		XXXXXXXXXX	
4 webs	XXXXXXXXXX	2 webs	XXXXXXXXXX	2 Journals & 3 pins	XXXXXXXXXX	2 pins	XXXXXXXXXX
Annals	XXXXXXXXXX	Slomans Martin	XXXXXXXXXX	Ingot Steel	XXXXXXXXXX		XXXXXXXXXX
forged		forged		forged		forged	
Yes		Yes		Yes		Yes	
				350 mm Ø		350 mm Ø	
rough turned and finished		rough turned and finished		rough turned and finished		rough turned and finished	
3" .798		3" .798		3" .798		3" .798	
31.1	31.8	30.1	30.4	29.7	29.5	28.1	28.0
27.0	30.6	33.3	34.0	33.3	32.0		
180 degt. good		180 degt. good		180 degt. good		180 degt. good	
15.10.27.		15.10.27.		15.10.27.		15.10.27.	

XXXXXXXXXX pump throw 3" 29.5 Tons p.d. inch. 32.0% Elongation.

to be paid at Düsseldorf.



Lloyd's Register Foundation