

Rpt. 7.

For the information of Surveyors and the Committee only.

Received at

Office,

19

# Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_)

Port

*Leningrad.*

No. *159.*

## ENGINE FORGINGS OR CASTINGS.

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

I have to report that the Forgings or Castings, as herein described, manufactured by *The Krassny Poodilovitz Works* of *Leningrad.* for the Engines No. *306* being constructed by *The Russian Diesel Works* of *Leningrad.* for the Ship No. *306*, being built by *The Sevmay Ship building Yard.* of *Leningrad.* 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 Russian Diesel Works. Leningrad.*

Mark on Forgings or Castings.

*William Lewis*

Lloyd's

No. *0296.*

W.E.L. 20.11.27

	CRANK SHAFT. COMPRESSOR FLYWHEEL SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT. SCREW SHAFT.
Material* ...	<i>Basic Open Hearth Steel</i>			
How made ...	<i>Solid Forged.</i>			
If Annealed ...	<i>Annealed.</i>			
Dimensions, Forgings	<i>165 1/2 dia. Webs 200 x 20 1/2.</i>			
Weight, Castings				
Progress on Inspection }	<i>Finished state.</i>			
Tests on Standard Test Pieces.				
Tensile Test—	<i>57.2</i>			
Tons per square inch	<i>22.7%</i>			
Extension per cent	<i>180° W.F.</i>			
Cold Bending Test—				
Angle before fracture	<i>15/6/27 - 20/1/27</i>			
Dates when Inspected				

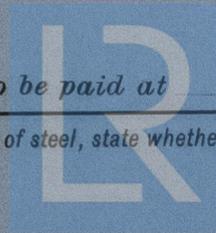
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £

To be paid at

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

10m.9.27.



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01149 - 01160 - 0103

Is there a drain arrangement fitted at the lowest part of each receiver? *Yes*

High Pressure Air Receivers No. *Two for main motor* Cubic capacity of each *250 LITRES* Internal diameter *400 mm*