

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port Leningrad)

No. 142 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by The Krassnyy Postivotz Works of Leningrad for the Engines No. _____ being constructed by The Russian Diesel Works of Leningrad for the Ship No. 306, being built by The Sevornay Shipbuilding 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. 0426 0427 0428 0429 0431 0432
W.E.A. 18/1/28

CONNECTING RODS.

	CRANK SHAFT. <u>0426</u> <u>0427</u>	THRUST SHAFT. <u>0428</u>	INTERMEDIATE SHAFT. <u>0429</u> <u>0431</u>	TUBE SHAFT. <u>0432</u>
	FLYWHEEL SHAFT.		SCREW SHAFT.	
Material* ...	Basic		Open	Hearth Steel
How made ...	Solid Forged			
If Annealed ...	Annealed			
Dimensions, Forgings	1 9/16" dia - 1 7/8" dia DIAM.			
Weight, Castings				
Progress on Inspection	Rough Forgings to finished state.			
Tests on Standard Test Pieces.				
Tensile Test— Tens per square inch	<u>58.4</u>	<u>52.2</u>	<u>55.4</u>	<u>52.2</u> <u>52.9</u> <u>50.8</u>
Extension per cent	<u>26.6%</u>	<u>28.0%</u>	<u>53.4%</u>	<u>28.0%</u> <u>25.3%</u> <u>28.0%</u>
Cold Bending Test— Angle before fracture	<u>180° W.F.</u>	<u>180° W.F.</u>	<u>180° W.F.</u>	<u>180° W.F.</u> <u>180° W.F.</u> <u>180° W.F.</u>
Dates when Inspected	<u>9/6/27 - 18/1/28</u>	<u>22/9/27 - 18/1/28</u>	<u>23/9/27 - 18/1/28</u>	<u>9/6/27 - 18/1/28</u> <u>9/6/27 - 18/1/28</u> <u>9/6/27 - 18/1/28</u>

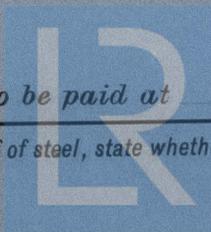
PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

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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