

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. 143 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by The Nevsky Shipbuilding & Engineering 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 Sverway 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.

on Forgings or Castings.

William E. Lewis.

Lloyd's
No. 0375
W.E.L.

0376, 0377, 0378, 0379, 0400
6/4/27 11/5/27

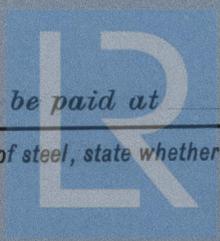
MAIN ENGINE CROSSHEADS.

	CRANK SHAFT. <u>0375</u>	THRUST SHAFT. <u>0376</u>	INTERMEDIATE SHAFT. <u>0377</u>	INTERMEDIATE SHAFT. <u>0378</u>	INTERMEDIATE SHAFT. <u>0379</u>	TUBE SHAFT. <u>0400</u>
Material	Basic Open Hearth Steel					
Material made	Solid Forged.					
Material annealed	Annealed					
Dimensions, Forgings						
Material, Castings						
Process on inspection	Rough Forgings.					
Tests on Standard Test Pieces.						
Tensile Test— Tensile strength per square inch	<u>49.6</u>	<u>54.9</u>	<u>53.5</u>	<u>50.5</u>	<u>54.4</u>	<u>53.5</u>
Elongation per cent	<u>32.0%</u>	<u>32.0%</u>	<u>34.0%</u>	<u>34.0%</u>	<u>36.0%</u>	<u>28.0%</u>
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>
Date when Inspected	<u>6/4/27</u>	<u>6/4/27</u>	<u>6/4/27</u>	<u>6/4/27</u>	<u>6/4/27</u>	<u>11/5/27</u>

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

(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.



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01149-01160-0102

Is there a drain arrangement fitted at the lowest part of each receiver? Two for main motor