

Lloyd's Register of Shipping.

(Report on Machinery, No. _____ Port Leningrad)

No. 141 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 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 Severny 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. 0286 0288 0292 0294 0295 0419
W.E.L. 3/8/27 18/8/27 23/11/27

PISTON RODS.

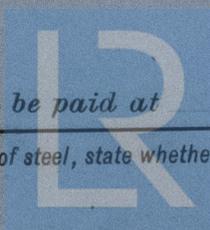
	CRANK SHAFT. 0286.	0288	THRUST SHAFT. 0292	INTERMEDIATE SHAFT. 0294	0295.	TUBE SHAFT. 0419.
	FLYWHEEL SHAFT.			SCREW SHAFT.		
Material * ...	Basic Open Hearth Steel					
How made ...	Solid Forged					
Annealed ...	Annealed.					
Dimensions, Forgings	180 mm DIAM.					
Weight, Castings	✓					
Progress on Inspection	Machined to 10 mm of true dimensions.					
Tests on Standard Test Pieces.						
tensile Test— Tens per square inch	51.4	50.0	47.3.	48.5	50.9	50.7.
Extension per cent	34.0%	36.7%	34.0%	36.0%	36.0%	26.7%
Cold Bending Test— Angle before fracture	180° WF	180° WF	180° WF	180° WF	180° WF	180° WF
Dates when Inspected	16/2/27 - 3/8/27	2/2/26 - 3/8/27	16/2/27 - 18/8/27	6/2/27 - 18/8/27	2/12/26 - 18/8/27	10/2/27 - 23/11/27

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.



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