

Lloyd's Register of Shipping.

(Report on Machinery, No.

Port

Leningrad

No. 141

ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by The Newsky 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 Svermay 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 E. Lewis

Lloyd's

No. 0286 0288 0292 0294 0295 0419W.E.L. 3/8/2718/8/2723/11/27

PISTON RODS.

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

0m. 0.27.