

Lloyd's Register of Shipping.

Report on Machinery, No. 69670Port MANCHESTERGlasgowNo. F1874ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs MITCHELL SHACKLETON & CO LTD of PATRICROFT, MANCHESTER for the Engines No. 94912 being constructed by Messrs BRITISH AUXILIARIES LTD of GLASGOW 97424 for the Ship No., being built by

have been inspected by 42 as set forth below, and found to be, so far as can be seen, sound and free from defects. These have been despatched to GLASGOW.

Mark on Forgings ~~or Castings~~.

Lloyd's
No. 1456
F.H. 10.12.42

D.R. Wallbrun & self. HulleyManchester 12-12-42

	1. CRANK SHAFT. 4 THROW.	TURBINE SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...	<u>S. M. STEEL.</u>			
How made ...	<u>FORGED</u>			
If Annealed	<u>HEAT TREATED.</u>			
Forgings (Dimensions)	<u>PINS & JOURNALS. 220mm DIAM.</u>			
(Weight)	<u>T. 1-19-0-12.</u>			
Weight, Castings				
Progress on Inspection...	<u>FINISH MACHINED</u>			
TEST RESULTS.	<u>T</u>	<u>B</u>		
Ultimate Tensile.				
Tons per sq. in...	<u>28.4</u>	<u>28.0</u>		
Yield Point.				
Tons per sq. in...	<u>15.2</u>	<u>15.2</u>		
Extension per cent.				
on <u>2</u> inches...	<u>37</u>	<u>37</u>		
Red. of Area %	<u>57</u>	<u>63.7</u>		
Cold Bending Test...	<u>180°</u>	<u>180°</u>		
Dates when Inspected	<u>27-8-42 TO 10.12.42</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) 17/6To be paid at Manchester

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