

# Lloyd's Register of Shipping.

Report on Machinery, No. 69670

Port MANCHESTER

Glasgow

No. F1874

**ENGINE 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 H2 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.

The words FORGINGS or CASTINGS should be struck out as may be required.

Mark on Forgings or Castings.

Lloyd's  
No. 1456  
F.H. 10.12.42

*Job. 478*

*D.R. Wallwork & self. H. H. H. H.*

*Manchester 12-12-42*

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

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—



Fee (if any chargeable) 17/6

To 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.

*W985-0194*