

Lloyd's Register of Shipping.

Report on Machinery, No. 68648Port LiverpoolNo. E 9023

ENGINE FORGINGS ~~OR CASTINGS~~

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

I have to report that the Forgings ~~XXXXXXXX~~, as herein described, manufactured by Messrs. Mitchell Shackleton & Co. Ltd., of Patricroft Order 6822 for the ~~Engine~~ No. 6822 being constructed by Messrs. British Aux. Ltd., of Glasgow for the Ship No. 46872, being built by ENGINE of GLASGOW.

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

GLASGOW.

Mark on Forgings ~~XXXXXXXX~~

Lloyd's

No. 1683.JBG. 10.6.43.MANCHESTER. 23.6.43.

	1 CRANK SHAFT.	TURBO SHAFT	INTERMEDIATE SHAFT	TOPE SHAFT
	S.P.			
	FLOWER SHAFT			SCREW SHAFT
Material* ...	O. H. Steel.			
How made ...	Forged.			
If Annealed ...	Heat treated.			
Dimensions	Pins 190/160 m/m Journals 150 m/m.			
Forgings	T. C. Q. L.			
Weight	0.10. 0.24.			
Weight, Castings ...	-			
Progress on Inspection...	Finished machined.			
TEST RESULTS.				
Ultimate Tensile.	1683.			
Tons per sq. in...	33.6			
Yield Point.	22.0			
Tons per sq. in...	32.0			
Extension per cent. on <u>2</u> inches...	52.16			
Red. of Area %	180°			
Cold Bending Test...	14.12.42 to 10.6.43.			
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

Fee (if any chargeable) £0 : 10 : 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.