

For the information of Surveyors and the Committee only.

Received at \_\_\_\_\_ office, SEP 20 1940

# Lloyd's Register of Shipping.

(Report on Machinery, No. 16892 Port Middlesbrough)

No. F8728 ENGINE FORGINGS ~~OR CASTINGS~~.

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Wolsingham Steel Co. Ltd of Wolsingham for the Engines No. \_\_\_\_\_ being <sup>repaired</sup> ~~constructed~~ by Smiths Dock Co. of \_\_\_\_\_ for the Ship No. \_\_\_\_\_, being built by s/s Empire Endurance of \_\_\_\_\_ 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 words FORGINGS or CASTINGS should be struck out if not applicable.

Mark on Forgings ~~or Castings~~

Lloyd's  
No. 491  
15.8.40

J Dale  
Sunderland  
17.8.40

One Piston Rod

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT.
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...		<u>SM High Speed</u>		
How made ...		<u>Forged</u>		
Annealed... ..		<u>yes</u>		
Dimensions } Forgings		<u>8 5/8 dia</u>		
eight				
eight, Castings ...				
Progress on } Inspection	<u>/</u>	<u>Forging &amp; Machining</u>		
		<u>Text No 23</u>		
<b>TEST RESULTS.</b>				
Ultimate Tensile. Tons per sq. in. ...		<u>32.4</u>		
Yield Point. Tons per sq. in. ...				
Extension per cent on ..... inches ...		<u>35%</u>		
Red. of Area % ...		<u>180°</u>		
Old Bending Test... ..				
Dates when Inspected				

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

The above Forging was Machined and finished by the Sunderland Forge and Engineering Co. Ltd.

Applied for I 7 AUG 1940  
SUNDERLAND. Repair

Fee (if any chargeable) 15/-

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.

Form 11.38.

Lloyd's Register of Shipping

ENGINE FORINGS OF CAST IRON

For the purpose of this certificate, the following particulars have been furnished to the Registrar of Shipping, and have been verified by him as correct and true.

*J. Dale*

*17.8.40*

