

Received at

14 AUG 1939

19

## Lloyd's Register of Shipping.

(Report on Machinery, No. \_\_\_\_\_)

Port

Hull

No. *F 2166* ENGINE FORGINGS OR CASTINGS.

I have to report that the Forgings or Castings, as herein described, manufactured by *Thos T. S. Forster & son Ltd* of *Sunderland* for the Engines No *4806* being *machined* constructed by *Thos Amos & Smith Ltd* of *Hull* for the Ship No. \_\_\_\_\_, being built by \_\_\_\_\_ 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 *Thos Amos & Smith Ltd* *Hull*

Mark on Forgings or Castings.

Lloyd's

No. *528* *1749**11.8.39**J Dale*  
*Sunderland**12.8.39*

	CRANK SHAFT.	THRUST SHAFT.	INTERMEDIATE SHAFT.	<del>TUBE SHAFT.</del>
	FLYWHEEL SHAFT.			SCREW SHAFT.
Material* ...				<i>S M Ingot Steel</i>
How made ...				<i>Forged</i>
If Annealed...				<i>yes</i>
Dimensions {				<i>8 5/16 dia</i>
Weight { Forgings				<i>18 cwt</i>
Weight, Castings ...				
Progress on {				<i>Forging &amp; casting</i>
Inspection {				<i>Test No 528</i>
TEST RESULTS.				
Ultimate Tensile.				
Tons per sq. in. ...				<i>30.0</i>
Yield Point.				
Tons per sq. in. ...				
Extension per cent				
on... <i>2</i> inches ...				<i>36%</i>
Red. of Area % ...				
Cold Bending Test...				<i>180°</i>
Dates when Inspected				<i>11.8.39</i>

## PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

*Machined & fitted with cut lines & placed in Engine No 672.*  
*Se shop for 672 taken out Stock @ 13/9/39*

Fee (if any chargeable)

*13/6*

To be paid at

SUNDERLAND

*repair.*

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



A + S 672  
Sarus Shakti

S.S.K. "Swate"

HULL REPORT No. 50447.



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Foundation