

## Lloyd's Register of Shipping.

(Report on Machinery, No. 63492 Port Glasgow)No. 9424 ENGINE FORGINGS OR CASTINGS.I have to report that the Forgings or Castings, as herein described, manufactured by JAMES W. BURNHAM & CO. LTD. of Glasgow.for the Engines No. 1043, being constructed by JAMES DAVID ROWAN & CO. LTD. of Glasgow 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 JAMES DAVID ROWAN & CO. LTD. Glasgow

Mark on Forgings or Castings.

Lloyd's

No. 9424 & TEST Nos.W. J. JamesGlasgow 14/10/1940.

	CRANK SHAFT. 3 COUPLING ENDS. 3 CRANK PINS. 1 CRANK END. FLYWHEEL SHAFT. 1 CRANK JOURNAL.	1 THRUST SHAFT.	INTERMEDIATE SHAFT.	TUBE SHAFT. 1 SCREW SHAFT.
Material* ...	<u>S. M. Engd. Steel.</u>			
How made ...	<u>Forged.</u>			
If Annealed...	<u>Heat treated.</u>			
Dimensions	<u>As per plan.</u>			
Weight	<u>4. 10. 3.</u>			
Weight, Castings				
Progress on Inspection	<u>Forging, testing and rough machining</u>			
TEST RESULTS.	TEST Nos. <u>9015/17, 9018/20, 9021/2</u>	TEST No. <u>9023.</u>		TEST No. <u>9024.</u>
Ultimate Tensile. Tons per sq. in. ...	<u>30.2 30.2</u>	<u>29.6</u>		<u>31.8</u>
Yield Point. Tons per sq. in. ...	<u>-</u>	<u>-</u>		<u>-</u>
Extension per cent on...3...inches ...	<u>30.2% 27.0%</u>	<u>24.0%</u>		<u>30.0%</u>
Red. of Area %	<u>-</u>	<u>-</u>		<u>-</u>
Cold Bending Test...	<u>180°NF 180°NF</u>	<u>180°NF</u>		<u>180°NF</u>
Dates when Inspected	<u>2/4/1940, and subsequent dates.</u>			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:-

Fee (if any chargeable) £ 1. 5. -

To be paid at

Glasgow. (Moon, a/c)

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