

COPY.

Lloyd's Register of Shipping.

Sacific Grove
GLASGOW REPORT No. 50142

C. 2376

MANCHESTER.

Port _____

9th January, 1930.



This is to Certify that

J. McL. REID and J. F. CAMPBELL,

the undersigned Surveyor^s to this Society did at the request of Messrs. Fiat British Auxiliaries, Ltd., Glasgow, attend at the Works of Messrs. Mitchell, Shackleton & Co. Ltd., Manchester on the 25th October, 1928, and subsequently, for the purpose of inspecting and testing one - FIVE three throw Crankshaft, made to the Order No. 3067 of the former firm.

Samples cut from the forging were mechanically tested in the presence of one of the undersigned with the following results:-

Forging No.	Test piece from.	Yield. Tons per sq. inch.	Ult. Tensile Stress.	Elong. %	Bend Test. Angle without fracture.
<u>5</u> 1898	Shaft Test.	23.6	35.6	30	180 degrees.
	Web Test.	23.8	37.6	30	180 "

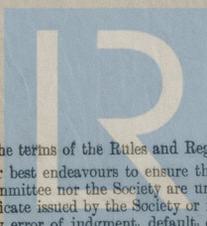
The shaft was also examined in its finished condition and found, so far as could be seen, sound.

The finished diameter of the pins and journals was 180 m/m., and the shaft was stamped:- "LLOYD'S and *R*", for identification.

Fee:- £1 - 8 - 0

J. McL. Reid & J. F. Campbell

Surveyors to Lloyd's Register of Shipping.



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