

COPY.

Lloyd's Register of Shipping.

GLASGOW REPORT No. 50142

C. 2376

MANCHESTER.

Port

8th January, 1930.



This is to Certify that

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

the undersigned Surveyor 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. Stress. Tons per sq. inch.	Elong. %	Bend Test. Angle without fracture.
5-1898	Shaft Test.	32.6	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:- 11 - 8 - 0

J. McL. Reid and J. F. Campbell.

Surveyors to Lloyd's Register of Shipping.

This Certificate is issued upon the terms of the Rules and Regulations of the Society, which provide that:-
"While the Committee use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Committee nor the Society are under any circumstances whatever to be held responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register Book or other publication of the Society, or for any error of judgment, default, or negligence of the Surveyors, or other Officers or Agents of the Society."