

Tug. "Mediator" COPY.
Leh. 21313.

Lloyd's Register of Shipping.



C. 1905
3014/1/42/13/65/72

Port NORTHAMPTON. 23th September, 1943

Ruston & Hornsby Ltd. Engine No. 222130

Type 5VCBZ

This is to Certify that

J. N. BUCHANAN

the undersigned Surveyor to this Society did at the request of

Messrs. Ruston & Hornsby Ltd., attend at their works for the purpose of examining and testing one-Five Cylinder 4 S.C.S.A. Heavy Oil Engine No. 222130, manufactured by them to the order of Messrs. Henry Robb Ltd., Leith, and direct coupled to one 100 H.P. electric Generator No. 22793 manufactured by Messrs. Laurence Scott & Electromotors Ltd., Norwich.

Particulars of the engine are as follows:-

Engine Number	222130
Type	5VCBZ
Number of Cylinders	5
Diameter of Cylinders	8"
Stroke	10.3/4"
Maximum Pressure	750 lb.
Brake Horse Power	170
Revolutions per minute ...	600
Span of Bearings	9.1/8"
Diameter of Journals	6"
Diameter of Crankpins	4.3/4"
Breadth of Webs	8"
Thickness of Webs	2.1/8"

The engine has been surveyed during construction in accordance with the approved plans and the Regulations of this Society, materials and workmanship being good.

The engine has been tested in the shop under working conditions and found to be satisfactory.

For purposes of identification the Cylinder Block is stamped:-

Eng. No. 222130
LLOYD'S TEST
50 lb./sq. in
J.N.B. 7.6.43

J. N. Buchanan

SURVEYOR 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 Committees of the Society use their best endeavours to ensure that the functions of the Society are properly executed, it is to be understood that neither the Society nor any Member of any of its Committees is 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 any of its Committees or any Member thereof, or the Surveyors, or other Officers or Agents of the Society."