

COPY

13 JUL 1955

LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER

Newcastle

Port MANCHESTER

24th June, 1955.

This is to Certify that

R.J. YORSTON

the undersigned Surveyor to this Society did at the request of
Messrs. L. Gardner & Sons Ltd., Patricroft, O/No. K.8611.

attend at their works for the purpose of examining and testing
1 - 6LW Vertical Heavy Oil Engine for Auxiliary purposes made to the
order of the British Tanker Co. Ltd., and intended for Landing Craft
by Messrs. Clelands (Successors) Ltd., Yard No. 207 (Classed).

Particulars of the engine are as follows:-

Engine Number.....	104160
Type	✓ 4 S.C.S.A.
Number of Cylinders	✓ 6
Diameter of Cylinders	✓ 4 1/4"
Stroke	✓ 6"
Maximum Pressure	✓ 900 PSI
Mean Indicated Pressure	✓ 120 PSI
Brake Horse Power	✓ 51
Revolutions per Minute	✓ 1,000
Span of Bearings	✓ 4.13/16"
Diameter of Journals	✓ 3 1/2" with 1 1/2" dia. central hole.
Diameter of Crankpins	✓ 2 1/2" " " "
Breadth of Webs	✓ 4.5/16"
Thickness of Webs	✓ 1.1/32"

This engine has been built under Special Survey, in
accordance with the Approved Plans and Rules of the Society,
materials and workmanship being good.

On completion, the above machinery was tried in the
shops under working conditions with satisfactory results. Coupled
to its Mawdsley 30 K.W. DC Generator No. 120.S.3958.

For purposes of identification the cylinder block and
crankshaft were stamped thus:-

LLOYD'S TEST

30 lb./sq. in.
2.5.55. RJY

LLOYD'S TEST

No. 3461 DF
14.7.54. DH

Crankcase explosion devices not fitted.

Fee:— £ 5. 2. 0d

R. J. YORSTON

Engineer 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,
to be understood that neither the Society nor any Member of any of its Committees is under any circumstances whatever to be
responsible for any inaccuracy in any report or certificate issued by the Society or its Surveyors, or in any entry in the Register
or other publication of the Society, or for any error of judgment, default, or negligence of any of its Committees or any Member
of, or the Surveyors, or other Officers or Agents of the Society."

104c) 6m,10.52 (MADE AND PRINTED IN ENGLAND)

012553 - 012563 - 0119

Lloyd's Register
Foundation