

COPY

# LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER



Cert.No. HNO.C.55/2 -

Port Hannover, Georgstr.40

11th January, 1955

Works No. 401688

This is to Certify that

Klaus Müller

the undersigned Surveyor to this Society did at the request of Messrs. Daimler-Benz AG., Werk Marienfelde, attend their works at Berlin-Marienfelde on the 5th January, 1955, for the purpose of examining as detailed below an auxiliary heavy oil engine and witnessing running tests. The engine was made to the order of Messrs. Saturn GmbH., of Hamburg.

One Vertical Four Stroke Cycle Single Acting Four Cylinder Heavy Oil Engine

Type	M 204 B
Power	75 BHP
Revolutions	750 p.m.
Cylinder Diameter	140 mm
Length of Stroke	210 mm
Serial Number	4.42039

The crankshaft was made by an approved steel works and subjected to physical tests in the presence of Surveyors to this Society with satisfactory results. The connecting rods were tested by Brinell tests to the satisfaction of the Surveyors. The cylinder heads, cylinder block, exhaust manifold, and oil cooler were subjected to a hydraulic test pressure of 6 kg/cm<sup>2</sup>, well hammered whilst under this pressure and found sound and tight.

The engine was tested under running condition and found to function satisfactorily. After the running test the engine was opened up, examined and found in order. The workmanship and materials are, so far as can be seen, good.

For the purpose of identification the engine parts were stamped as follows:-

<u>Cylinder Block</u> 4.42039 K.M.	<u>Cylinder Block and Heads, Exhaust Manifold, Oil Cooler</u> LLOYD'S TEST HNO T.P.6 kg/cm <sup>2</sup> K.M. 5.1.55 K.M.	<u>Crankshaft</u> LLOYD'S 303A P.S.3.2.53 P.S.
<u>Connecting Rods</u> 432; 424; 440; 430 K.M.		

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."