

COPY

LLOYD'S REGISTER OF SHIPPING

No. O-58279-A

Port KOBE

12th June, 1959

This is to Certify that

S. MATSUMOTO, K. TABUCHI & Y. KOJIMA,

the undersigned Surveyor to this Society did at the request of Messrs. Yanmar Diesel Engine Co., Ltd., Amagasaki on the 27th March, 1959 and subsequently

attend at their works for the purpose of examining and testing One (1) set of Diesel Generator Engine intended for Ship No. 760 being built by Nippon Kokan K.K., Tsurumi Shipyard, Yokohama.

Particulars of the engine are as follows:-

Engine Number 94171DX- (Yanmar Diesel 4 MSL type).
Type Single Acting, 4 Cycles, Solid Injection.
Number of Cylinders 4
Diameter of Cylinders 200 mm.
Stroke 280 mm.
Maximum Pressure 55 kg/cm2
Mean Indicated Pressure 5.72 kg/cm2
Brake Horse Power 110
Revolutions per Minute 600
Span of Bearings 246 mm.
Diameter of Journals 140 mm.
Diameter of Crankpins 125 mm.
Breadth of Webs 190 mm.
Thickness of Webs 62 mm.

Total internal volume in crankcase 0.537 cub.M.

No. and total area of crankcase relief valves - 3 at 147 square cm.

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.

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

On Engine Casing. On Crank Shaft

LLOYD'S TEST ROB
WTP 4KG/CM2
SM 27-3-59

LLOYD'S TEST ROB
No. MB-CK512
SM25-2-59

SHOP TRIAL
NO. AE416
YK LR
30-5-59

Signature of Y. Kojima

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, 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.