

REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. 18575

Received at London Office

Report Amsterdam 7/1952 When handed in at Local Office 19 Port of Amsterdam 24 NOV 1952

Survey held at Amsterdam Date, First Survey Aug 23 Last Survey October 22 1952

Number of Visits 4

on the Single Screw vessel "MS. MENGKARA" Tonnage Gross Net

By whom built Yard No. When built

ordered by Westpoort Amsterdam Port belonging to Eng

made at Amsterdam By whom made N.V. Motorenfabriek Kromhout Contract No. 12684 When made 1952

made at Slitkerveen By whom made N.V. Elekt. Techn. Ind. Smiden Co Contract No. 39351 When made 1952

Engine Brake Horse Power 30 M.N. as per Rule 6 Total Capacity of Generators 10 Kilowatts.

used for essential services aux engine

Types of Engines Heavy oil engine type 3 GSV 100 2 or 4 stroke cycle 4 Single or double acting Single

Pressure in cylinders 55 kg/cm² Diameter of cylinders 108 mm Length of stroke 152 mm No. of cylinders 3 No. of cranks 3

Firing order in cylinders 1-2-3 Span of bearings, adjacent to the Crank, measured from inner edge to inner edge 121 mm

Revolutions per minute 1000

Weight 275 kg Means of ignition Compression Kind of fuel used Diesel oil

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The foregoing is a correct description,
ROMHOUT MOTOREN FABRIEK
Goedkoop Jr. N.V. Amsterdam

Manufacturer.

F. Hinderink



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Lloyd's Register
Foundation

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Dates of Survey while building
During progress of work in shops - -
During erection on board vessel - -
Total No. of visits 4

23/8 - 9/9 - 12/9 - 22/10 - '52

Dates of Examination of principal parts—Cylinders 12-9-52 Covers 9-9-52 Pistons 12-9-52 Piston rods

Connecting rods 12-9-52 Crank and Flywheel shafts 9-9-52 Intermediate shafts

Crank shaft Material Cr Mo steel Tensile strength 69.1 kg/mm²
Elongation 28% Identification Marks Lloyd's No. 722F
JL 31-551
HA 9-9-52

Flywheel shaft, Material

Identification marks on Air Receivers

Is this machinery duplicate of a previous case. Yes If so, state name of vessel Standard type

GENERAL REMARKS (State quality of workmanship, opinions as to class, etc.)

This engine has been built under special survey in accordance with approved plans, Surveys and Society Rules.

Materials tested as required and workmanship found good

This set has been tested under full load condition on Makers test bed and found function satisfactory.

cert. Amsterdam No F3936 dd. 10-9-52 of crankshaft, cert. Amsterdam F3914 dd. 25-8-1952

cert Rotterdam No. 13043 dd. 12-9-52 of generator and cert Rotterdam No. 12286 dd. 13-6-

compressor added.

This set merits in my opinion the Approval of the Committee
After trials and inspection the set is shipped to Werkspoor Amsterdam destination
vessel for Indonesian Government

The amount of Fee ... 40.-
Travelling Expenses (if any) £ 21.-

When applied for 21-11 1952
When received 19

Jd Rinden

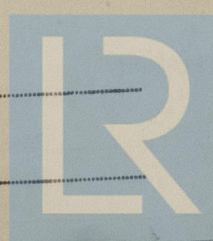
Surveyor to Lloyd's Register of

FRI. 19 JUN 1953

Committee's Minute

Assigned

Su F.E. mchey. rpt



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