

Amsterdam report 15743

# REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. 15011

t. 4c.

Received at London Office APR 13 1939  
AUG 10 1939  
Date of writing Report 6 April 1939 When handed in at Local Office 19 Port of Amsterdam  
Date, First Survey 24 January Last Survey 20 March 1939  
Number of Visits 11

Single on the Twin Triple Quadruple  
Screw vessel M.V. "ONDINA"  
Tons Gross 6341 Net 3606  
Built at Amsterdam By whom built N.V. Ned dock & S<sup>h</sup> Yard No. 71 When built 1939  
Owners N.V. Petroleum Mij. Loos Corona Port belonging to Gravenhage.  
Engines made at Amsterdam By whom made N.V. Kromhout Mot. fab<sup>riek</sup> Contract No. 8712 When made 1939  
Generators made at Sluikhuizen By whom made Willem Smit & Co Contract No. 22332 When made 1939  
No. of Sets one Engine Brake Horse Power 32 Nom. Horse Power as per Rule 8 Total Capacity of Generators 20 Kilowatts.

L ENGINES, &c.—Type of Engines Kromhout 2-K S. S 2 or 4 stroke cycle 2 Single or double acting Single  
Maximum pressure in cylinders 45 kg Diameter of cylinders 170 mm Length of stroke 225 mm No. of cylinders 2 No. of cranks 2  
Span of bearings, adjacent to the Crank, measured from inner edge to inner edge 274 mm Is there a bearing between each crank yes  
Revolutions per minute 400 Flywheel dia. 1000 Weight 475 kg Means of ignition Solid magnet Kind of fuel used Diesel oil  
Crank Shaft, dia. of journals as per Rule approved as fitted 95 mm Crank pin dia. 95 mm Crank Webs Mid. length breadth 150 mm Thickness parallel to axis shrunk  
Mid. length thickness 55 mm Thickness around eyehole  
Flywheel Shaft, diameter as per Rule as fitted Intermediate Shafts, diameter as per Rule as fitted Thickness of cylinder liners  
Is there a governor or other arrangement fitted to prevent racing of the engine when declutched yes Means of lubrication forced  
Are the cylinders fitted with safety valves yes Are the exhaust pipes and silencers water cooled or lagged with non-conducting material watercooled  
Cooling Water Pumps, No. 1 Rotary 3000 l Is the sea suction provided with an efficient strainer which can be cleared within the vessel  
Lubricating Oil Pumps, No. and size 1 Rotary 225 l  
Air Compressors, No. No. of stages Diameters Stroke Driven by  
Suckering Air Pumps, No. Diameter Stroke Driven by

R RECEIVERS:—Have they been made under Survey yes State No. of Report or Certificate 1711  
Is each receiver, which can be isolated, fitted with a safety valve as per Rule yes  
Can the internal surfaces of the receivers be examined yes What means are provided for cleaning their inner surfaces cover  
Is there a drain arrangement fitted at the lowest part of each receiver yes

High Pressure Air Receivers, No. Cubic capacity of each Internal diameter thickness  
Seamless, lap welded or riveted longitudinal joint Material Range of tensile strength Working pressure by Rules  
Starting Air Receivers, No. one Total cubic capacity 75 l Internal diameter 250 mm thickness 7 mm  
Seamless, lap welded or riveted longitudinal joint Seamless Material S45 Range of tensile strength 44-50 kg Working pressure by Rules 26.6 kg  
Actual 25 kg

ELECTRIC GENERATORS:—Type Compound  
Pressure of supply 110 volts. Full Load Current 182 Amperes. Direct or Alternating Current Direct  
Is an alternating current system, state the periodicity Has the Automatic Governor been tested and found efficient when the whole load is suddenly thrown on and off yes  
Generators, are they compounded as per rule yes Is an adjustable regulating resistance fitted in series with each  
magnet field yes Are all terminals accessible, clearly marked, and furnished with sockets yes  
Are they so spaced or shielded that they cannot be accidentally earthed, short circuited, or touched yes Are the lubricating arrangements of the generators as per Rule yes  
If the generators are under 100 kw. full load rating, have the Makers supplied certificates of test yes and do the results comply with the requirements yes  
If the generators are 100 kw. or over have they been built and tested under survey

PLANS. Are approved plans forwarded herewith for Shafting E 22.3.20 Receivers E 22.3.20 Separate Tanks  
(If not, state date of approval)  
SHAFTING GEAR

The foregoing is a correct description,  
KROMHOUT MOTOREN FABRIEK  
D. Goedkoop Jr. N.V.

Manufacturer.



© 2020  
Lloyd's Register  
Foundation

003631-003639-0161



Lloyd's Register  
Foundation