

## REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS

No. 15501

FEB 27 1939

Date of writing Report 24 Feb 1939 When handed in at Local Office

19

Port of

Received at London Office

Amsterdam

JUL 19 1939

No. in Survey held at  
Reg. Book.

Amsterdam

Date, First Survey 23 Nov.

Last Survey 13 Feb 1939

Number of Visits 10.

Single  
on the Stern  
Triple  
Quadruple

Screw vessel

MV "OSCILLA"

Tons { Gross 6241  
Net 3590.

Built at Rumpen a/d Yvel

By whom built C. v. d. Guesen &amp; Co

Yard No. 657 When built 1939

Owners N. v. Scheepman My La Corona

Port belonging to The Hague

Oil Engines made at Amsterdam

By whom made N. v. Kromhout Mot. fab.

Contract No. 8707 When made 1939

Generators made at Slikkerveer

By whom made N. v. W. Smid Co

Contract No. 22333 When made 1928

No. of Sets 1

Engine Brake Horse Power 32

Nom. Horse Power as per Rule 0

Total Capacity of Generators 20 Kilowatts.

OIL ENGINES, &amp;c.—Type of Engines Kromhout 2 K S 3 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 mm Weight 475 kg Means of ignition Solid injected Kind of fuel used Diesel oil

Crank Shaft, dia. of journals as per Rule approved 95 mm Crank pin dia. 95 mm Crank Webs Mid. length breadth 150 mm Thickness parallel to axis as fitted 55 mm 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 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 water cooled

Cooling Water Pumps, No. 1-2000 L Rotary Is the sea suction provided with an efficient strainer which can be cleared within the vessel

Lubricating Oil Pumps, No. and size 1200 L 225 L

Air Compressors, No. No. of stages Diameters Stroke Driven by

Scavenging Air Pumps, No. Diameter Stroke Driven by

AIR RECEIVERS:—Have they been made under Survey Yes State No. of Report or Certificate

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 4 mm

Seamless, lap welded or riveted longitudinal joint Seamless Material S.M.S Range of tensile strength 44-50 kg Working pressure by Rules approved det = 25 kg.

ELECTRIC GENERATORS:—Type Compound

Pressure of supply 110 volts Full Load Current 102 Amperes Direct or Alternating Current Direct

If 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

shunt 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 and do the results comply with the requirements

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 22-3-30 Separate Tanks

SPARE GEAR As per Rules.

The foregoing is a correct description,

KROMHOUT MOTOREN FABRIEK  
D. Goedkoop Jr. N.V.

Manufacturer.



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Foundation



Dates of Survey while building { During progress of work in shops - - } *Nov 23 Dec 1-16-13-21-27 Jan 3-14-16-18-25-26-30-31 Feb 3-8-11-13*  
 { During erection on board vessel - - - }  
 Total No. of visits

Dates of Examination of principal parts—Cylinders *23 Nov 3-9 Jan* Covers *23 Nov 3-9 Jan* Pistons *23 Nov 16 Jan* Piston rods *23 Nov 16 Jan*

Connecting rods *6-13 Dec 16 January* Crank and Flywheel shafts *23 Nov 14-25 Jan* Coupled intermediate shafts *15 January*

Crank and Flywheel shafts, Material *SMS*

Identification Marks *1722 HK-H. PB 14-1-29*

Coupled intermediate shafts, Material *SMS*

Identification Marks *4933 423-23-6-28*

Identification marks on Air Receivers *1924 Landed 50 APR 4 EK-11-5-28*

Is this machinery duplicate of a previous case *Yes* If so, state name of vessel *M.V. Ceroma Amst rep. 15500*

General Remarks (State quality of workmanship, opinions as to class, &c.)

*The Auxiliary engine has been made under special survey in accordance with the approved plans & Secretary's letters. Material duly tested, workmanship throughout good. The engine has been shipped to bumper 2d yard and will be fitted aboard. r.d. Gessen & Co. Yard No 657.*

The amount of Fee ... *£ 90* : When applied for, *24-9-1939*  
 Travelling Expenses (if any) *£ 5-* : When received, *19*

*B. Murphy*  
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI 28 JUL 1939*  
 Assigned *See Rot 76-28393*



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