

REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. 15023

Received at London Office NOV - 6 1937

Date of writing Report 31st Oct 1937 When handed in at Local Office 19 Port of Amsterdam

No. in Survey held at Amsterdam Date, First Survey 7th June Last Survey 31st Oct 1937
Reg. Book. MV CLEODORA Number of Visits 11

on the ^{Single} ~~Double~~ ~~Triple~~ ~~Quadruple~~ Screw vessel Tanker for the Anglo Saxon Petroleum Co Ltd. Tons { Gross 4256
Net 4724

Built at Muisingen By whom built H. H. Von: My. "De Schelde" Yard No. 206 When built 1937

Owners Anglo Saxon Petroleum Co Ltd. Port belonging to Cong

Oil Engines made at Amsterdam By whom made H. H. Kromhout Mot. Fabr. Contract No. 0143. When made 1937

Generators made at By whom made D. Goedkoop Contract No. When made

No. of Sets 1 Engine Brake Horse Power 30 Nom. Horse Power as per Rule 12 Total Capacity of Generators Kilowatts.

OIL ENGINES, &c.—Type of Engines Kromhout Diesel Engine H.S. 2 or 4 stroke cycle 2 Single or double acting Single

Maximum pressure in cylinders 40 k.g. Diameter of cylinders 210 mm Length of stroke 275 mm No. of cylinders 1 No. of cranks 1

Span of bearings, adjacent to the Crank, measured from inner edge to inner edge 328 mm Is there a bearing between each crank

Revolutions per minute 390 Flywheel dia. 1100 mm Weight 1100 k.g. Means of ignition Compression Kind of fuel used Diesel Oil.

Crank Shaft, dia. of journals as per Rule 110 mm as fitted 110 mm Crank pin dia. 110 mm Crank Webs Mid. length breadth 150 mm Thickness parallel to axis

Coupling Flywheel Shaft, diameter as per Rule 110 mm as fitted 110 mm Intermediate Shafts, diameter as per Rule Thickness of cylinder liners No liners fitted.

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 a 1440 liters p. hour Is the sea suction provided with an efficient strainer which can be cleared within the vessel

Lubricating Oil Pumps, No. and size 1 a 850 liters p. hour.

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

Scavenging Air Pumps, No. Diameter Stroke Driven by

AIR RECEIVERS:—Is each receiver, which can be isolated, fitted with a safety valve as per Rule

Can the internal surfaces of the receivers be examined What means are provided for cleaning their inner surfaces

Is there a drain arrangement fitted at the lowest part of each receiver

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. 1 Total cubic capacity 75 liters Internal diameter 250 mm thickness 4 mm

Seamless, lap welded or riveted longitudinal joint Seamless Material M. Steel Range of tensile strength 44/50 k.g. Working pressure by Rules 25 k.g.

ELECTRIC GENERATORS:—Type Pressure of supply volts. Full Load Current Amperes Direct or Alternating Current

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

Generators, are they compounded as per rule is an adjustable regulating resistance fitted in series with each shunt field

Are all terminals accessible, clearly marked, and furnished with sockets

are they so spaced or shielded that they cannot be accidentally earthed, short circuited, or touched Are the lubricating arrangements of the generators as per Rule

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

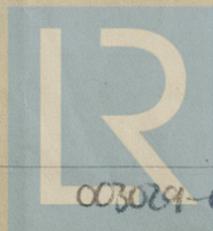
PLANS. Are approved plans forwarded herewith for Shafting 20/1/37 Receivers 20/1/37 Separate Tanks

SPARE GEAR as per rules

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

D. GOEDKOOP J.
[Signature]

Manufacturer.



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003029-003037-0083

Dates of Survey while building

June 7; July 13-20-28; Aug 4-13-23
 Sept 15-27, October 6-21.

Dates of Examination of principal parts—Cylinders

29/37 Covers 10/7/37 Pistons 13/8/37 Piston rods ✓

Connecting rods

7/6/37 - 13/7/37 Crank and Flywheel shaft 7/6/37 - 13/7/37 Intermediate shaft ✓

Crank and Flywheel shafts, Material

S. M. Steel

Identification Mark

LLOYD'S No 3403 H.B. K. K. 13-7-37.

Coupling Intermediate shafts, Material

S. M. Steel

Identification Marks

LLOYD'S No 741 H.K. K. K. 21-10-37.

Is this machinery duplicate of a previous case? *Yes* If so, state name of vessel *tankers for Anglo Saxon Pet. Co*

General Remarks (State quality of workmanship, opinions as to class, &c. *This engine has been constructed under Special Survey in accordance with the Society's rules, approved plan and Secretary's letters.*

The material used in the construction was found in order and workmanship satisfactory.

Engine tested on makers test bed and found in a good working condition and is in my opinion suitable to be placed on board the tank vessel for the Anglo Saxon Petroleum Co Ltd owned by Messrs M. H. von. My. De Schelde at Hisfingen for the purpose intended.

Im. 2. 26.—Transfer. (The Surveys are requested not to write on or below the space for Committee Minute.)

The amount of Fee ... £ 90.00
 Travelling Expenses (if any) £ 2.00

When applied for, Nov. 4. 1927

When received, 19

M. Trust
 Surveyor to Lloyd's Register of Shipping.

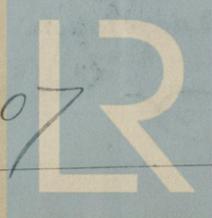
Paid as per Sec. letter, dated 2-12-27

FRI 29 JUL 1938

Committee's Minute

Assigned

See Rot. J.E. 27107



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