

REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. 15007

OCT 27 1937

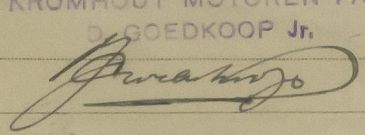
Date of writing Report 24th Oct 1937 When handed in at Local Office 19 Port of Amsterdam
 No. in Survey held at Amsterdam Date, First Survey 7th June Last Survey 11th Oct 1937
 Reg. Book. Number of Visits 16
 on the Single Screw vessel Tanker for the Anglo Saxon Petroleum Co Ltd. Tons { Gross Net
 Built at Amsterdam By whom built Messrs Wilton Fynonord Yard No. 662 When built 1937
 Owners Anglo Saxon Petroleum Co Ltd. Port belonging to
 Oil Engines made at Amsterdam By whom made H. H. Kromhout Mot. Fab. Contract No. 8139 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 13 Total Capacity of Generators Kilowatts.

OIL ENGINES, &c.—Type of Engines Kromhout Diesel Engine H.S. 2 2 or 4 stroke cycle 1 Single or double acting Single
 Maximum pressure in cylinders 40 h.g. Diameter of cylinders 110 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 318 mm. Is there a bearing between each crank
 Revolutions per minute 390 Flywheel dia. 1100 mm. Weight 1180 h.g. Means of ignition Compression Kind of fuel used Diesel Oil.
 Crank Shaft, dia. of journals as per Rule 110 mm. Crank pin dia. 110 mm. Crank Webs Mid. length breadth 150 mm. Thickness parallel to axis
 as fitted 110 mm. Mid. length thickness 70 mm. Thickness around eyehole
 Coupling as per Rule as per Rule Intermediate Shafts, diameter Thickness of cylinder liners no liner fitted.
 as fitted 110 mm. as 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 150 mm. thickness 7 mm.
 Seamless, lap welded or riveted longitudinal joint Seamless Material St. Steel Range of tensile strength 4450 h.g. Working pressure by Rules 15 h.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
 (If not, state date of approval)
SPARE GEAR As per rule.

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


Manufacturer.

003659-003670-0081

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

June 7-17 July 13-16-20-26-28-30
Aug 2-9-13-18-23
October 2-6-11

Dates of Examination of principal parts—Cylinders

13/7/37

Covers

20/7/37

Pistons

20/7/37

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

V. M. Steel

Identification Mark

LLOYD'S
NO 3399 H.B.
K.K. 13-7-37

Coupling

Intermediate shafts, Material

V. M. Steel

Identification Marks

LLOYD'S
NO 739 H.K.
K.K. 6-10-37

Is this machinery duplicate of a previous case

Yes

If so, state name of vessel

Tankers Anglo-Saxon Petrol. Comp.

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. built by Messrs Wilton Pyenord of Schiedam for the purpose intended.

The amount of Fee ...

£ 90.00

When applied for,

19

Travelling Expenses (if any) £

2.00

When received,

19

Committee's Minute

Assigned

See Rot. J.E. 26776

FRI. 22 APR 1938

received as per Sec. letter

dated 24.11.37

Surveyor to Lloyd's Register of Shipping.



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