

REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. 10560
20 JUN 1927

Received at London Office 23 MAR 1927

Survey Report 17 March 1927 When handed in at Local Office 19 Port of AMSTERDAM
 Survey held at AMSTERDAM Date, First Survey 11th Febr. 1925 Last Survey 10th Aug 1926
 Number of Visits 20

on the ~~XXX~~ ~~XXXX~~ ~~XXXXXX~~ Single Screw vessel "GOLDMOUTH" Tons { Gross - Net -
 Rotterdam By whom built Maats. Fyenoord Yard No. 302 When built 1927
 Anglo-Saxon Petroleum Co. Ltd. Port belonging to

Machines made at Amsterdam By whom made Werkspoor Contract No. - When made 1926
 Motors made at - By whom made - Contract No. - When made -
 Sets 3 Engine Brake Horse Power 50 Nom. Horse Power as per Rule 14 Total Capacity of Generators - Kilowatts.

ENGINES, &c. Type of Engines 3-4 S.P.A. Diesel. 2 or 4 stroke cycle Single or double acting
 Pressure in cylinders 38 kg per cm² Diameter of cylinders 320 mm Length of stroke 450 mm No. of cylinders 1 No. of cranks 1
 Bearings, adjacent to the Crank, measured from inner edge to inner edge 430 mm Is there a bearing between each crank One crank
 Revolutions per minute 250 Flywheel dia. 1900 mm Weight 3000 kg Means of ignition Self ignition Kind of fuel used Diesel oil
 Shaft, dia. of journals as per Rule Approved Crank pin dia. 185 mm Crank Webs Mid. length breadth 290 mm Thickness parallel to axis Shrunk
 as fitted 185 mm Mid. length thickness 100 mm Thickness around eyehole <
 Main Shaft, diameter as per Rule < Intermediate Shafts, diameter as per Rule < Thickness of cylinder liners <
 as fitted < as fitted <

governor or other arrangement fitted to prevent racing of the engine when declutched Yes Means of lubrication forced lubrication
 Cylinders fitted with safety valves Yes Are the exhaust pipes and silencers water cooled or lagged with non-conducting material N.C.M.

Water Pumps, No. < Is the sea suction provided with an efficient strainer which can be cleared within the vessel <
 Steering Oil Pumps, No. and size <
 Compressors, No. 1 No. of stages 2 Diameters 50-160 mm Stroke 130 mm Driven by Shaft
 Suctioning Air Pumps, No. < Diameter < Stroke < Driven by <

RECEIVERS: - Is each receiver, which can be isolated, fitted with a safety valve Yes
 Internal surfaces of the receivers be examined Yes What means are provided for cleaning their inner surfaces with Steam
 Drain arrangement fitted at the lowest part of each receiver Yes
 Pressure Air Receivers, No. 3 Cubic capacity of each 30 L Internal diameter 190 mm thickness 9 mm
 Lap welded or riveted longitudinal joint Mannemans Material Steel Range of tensile strength 28/32 tons Working pressure by Rules Approved
 Suctioning Air Receivers, No. < Total cubic capacity < Internal diameter < thickness <
 Lap welded or riveted longitudinal joint < Material < Range of tensile strength < Working pressure by Rules <

ELECTRIC GENERATORS: - Type <
 Voltage of supply < volts. Load < Amperes. Direct or Alternating Current <
 Alternating current system, state frequency of periods per second <
 Automatic Governor been tested and found efficient when the whole load is suddenly thrown on or off <
 Motors, do they comply with the requirements regarding rating < are they compound wound <
 Over compounded 5 per cent. <, if not compound wound state distance between each generator <
 Adjustable regulating resistance fitted in series with each shunt field < Are all terminals accessible, clearly marked, and furnished with sockets <
 So spaced or shielded that they cannot be accidentally earthed, short circuited, or touched < Are the lubricating arrangements of the generators as per Rule <

Are approved plans forwarded herewith for Shafting Rebainis Receivers to London Separate Tanks Office
 (If not, state date of approval) 14-12-26 See letter.

GEAR
 Please See list attached.

The foregoing is a correct description,

WERKSPOOR

Manufacturer.



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 Foundation

012553-012563-0026

Dates of Survey while building:

- During progress of work in shops: 11/2, 5/5, 21/7, 26/8, 18/9, 20/10, 14/11, 21/12, 1925.
- During erection on board vessel: L
- Total No. of visits: 20

Dates of Examination of principal parts—Cylinders 14/9 25 - 3/13 26 Covers 14/9 25 - 3/13 26 Pistons 14/9 25 - 3/13 26 Piston rods L
 Connecting rods 11/2 11 - 3/13 26 Crank and Flywheel shaft 14/11 24 - 2/4 26 Intermediate shaft L
 Crank and Flywheel shaft, Material Steel Identification Mark Lloyd's No. 304. 5. 11. 25. 19. 11. 25. 19. 11. 25. 19. 11. 25. Intermediate shafts, Material L Identification Marks

Is this machinery duplicate of a previous case Yes If so, state name of vessel M.V. Clam Ombul Reg. No. 10

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

The Engines have been built under Special License, in accordance with the Rules and Secretary's Letter, workmanship good. Engines tested under full working conditions and good.

Engines forwarded to Rotterdam to be fitted in Messrs. Reynvoet's Yard or Messrs. M.D. Goldmann

F. W. Bennett

Im. 7. 26.—Transfer. (The Surveymen are requested not to write on or below the space for Committee's Minute.)

The amount of Fee £	:	:	When applied for,
			19.....
Travelling Expenses (if any) £	:	:	When received,
			19.....

F. W. Bennett
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 24 JUN 1927
 Assigned See P. 6 of attached

