

1940

t. 4c.

REPORT ON OIL ENGINE ELECTRIC GENERATOR SETS.

No. 11146

Received at London Office 28th March 1940
 Date of writing Report 28th March 1940 when handed in at Local Office 28th March 1940 Port of Copenhagen
 Date, First Survey 5th October 1938 Last Survey 5th March 1940
 No. in Survey held at Holeby Date, First Survey 5th October 1938 Last Survey 5th March 1940
 eg. Book. Holeby Number of Visits 2

39 on the Single Twin Triple Quadruple Screw vessel Tons { Gross - Net -
 built at Göteborg By whom built A/B Göta verk Yard No. 544 When built -
 owners - Port belonging to -
 Oil Engines made at Holeby By whom made Holeby Diesel motor Fabrik Contract No. 3217 When made 1940
 Generators made at - By whom made - Contract No. - When made -
 No. of Sets one Engine Brake Horse Power 20 Nom. Horse Power as per Rule 5.1 Total Capacity of Generators - Kilowatts.

INTERNAL ENGINES, &c.—Type of Engines Vertical Diesel engine Solid wedge crown trunk piston 2 or 4 stroke cycle 4 Single or double acting single
 Maximum pressure in cylinders 40 kg/cm² Diameter of cylinders 130 mm Length of stroke 180 mm No. of cylinders 2 No. of cranks 2
 span of bearings, adjacent to the Crank, measured from inner edge to inner edge 160 mm Is there a bearing between each crank yes
 revolutions per minute 750 Flywheel dia. 690 mm Weight 230 kg Means of ignition compression Kind of fuel used Conde oil
 Crank Shaft, dia. of journals as per Rule 71 mm Crank pin dia. 85 mm Crank Webs Mid. length breadth 188 mm Thickness parallel to axis -
as fitted 85 mm Mid. length thickness 42 mm Thickness around eyehole -
 Flywheel Shaft, diameter as per Rule - Intermediate Shafts, diameter as per Rule - Thickness of cylinder liners 11 mm
as fitted - 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 lagged
 Cooling Water Pumps, No. 1 off 750 litres/hr Is the sea suction provided with an efficient strainer which can be cleared within the vessel -
 Lubricating Oil Pumps, No. and size 1 off 375 litres/hr
 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 - State No. of Report or Certificate -
 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. - Total cubic capacity - Internal diameter - thickness -
 Seamless, lap welded or riveted longitudinal joint - Material - Range of tensile strength - Working pressure by Rules -

ELECTRIC GENERATORS:—Type not delivered by Holeby O.M.F.
 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 yes
 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 no 22/2-33 Receivers - Separate Tanks -
 (If not, state date of approval)

SPARE GEAR / set of studs with nuts for cylinders, / inlet valve, / exhaust valve, / fuel valve + / atomisers + / delivery valve + / spring, / starting air valve, / safety valve, / fuel pump housing + / plunger, / piston packing rings, / scraping ring, / gudgeon pins / top end bushes, / set of bottoms and brasses with bolts + 2 bolts, 2 studs with nuts for main bearing, assembled packings.

The foregoing is a correct description.

AKTIESELSKABET
HOLEBY DIESELMOTOR FABRIK

W. Kayser

Manufacturer.



© 2021

Lloyd's Register Foundation

W1194-0176

Dates of Survey while building } During progress of work in shops - - } 5/10-7/10-38 15/11-18/11-39 4/2-5/3 40
 } During erection on board vessel - - - }
 Total No. of visits 6

Dates of Examination of principal parts—Cylinders 4/2-40 Covers 4/2-40 Pistons 4/2-40 Piston rods -

Connecting rods 5/10-7/10-38-4/2-40 Crank and Flywheel shafts 15/11-18/11-39-4/2-40 Intermediate shafts -

Crank and Flywheel shafts, Material S. C. S. Steel

Identification Marks LLOYD'S NO 5011 46.2.40

Intermediate shafts, Material -

Identification Marks -

Identification marks on Air Receivers

Is this machinery duplicate of a previous case *yes* If so, state name of vessel *Robby Standard engine 2.13*

General Remarks (State quality of workmanship, opinions as to class, &c.) *The above auxiliary engine has been constructed under special survey in accordance with the Rules and the approved plans of the main shaft.*

The material used in construction has been tested as required by the Rules and the workmanship is good.

Im. 11.37.—Transfer. (MADE IN ENGLAND.)

(The Surveyors are requested not to write over below the space for Committee Minute.)

The amount of Fee ... *£2.75.00* : When applied for, *28.3.1940*
 Travelling Expenses (if any) *£1.6.40* : When received, *19*

J. P. Langhildes Jensen.
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute

Assigned *See minute on Cpn 11143 F. E. mehy Rps*

