

No. 13620

27 MAY 1936

8 FEB 1936

Date of writing Report 31<sup>st</sup> Jan. 1936 When handed in at Local Office 19 Port of Amsterdam

Received at London Office 8 FEB 1936

No. in Survey held at Amsterdam Date, First Survey 11<sup>th</sup> Sept Last Survey 27<sup>th</sup> Jan. 1936  
Reg. Book.

Single	Screw vessel	Tanker for the Anglo Saxon Petroleum Co Ltd.	Tons	Gross	6197.29
on the Twin				Net	3605.28
Triple					
Quadruple					

Built at Belfast Glasgow By whom built Messrs Harland & Wolff Ltd Yard No. 962 When built '36

Owners *Anglo Saxon Petroleum Comp.* Port belonging to *?* *London.*

Oil Engines made at Amsterdam By whom made Messrs. Kromhout Motoren fab. <sup>Eng</sup>Contract No. 7532. When made 1936.

Generators made at ✓ By whom made ✓ 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.

IL ENGINES, &c.—Type of Engines *Wormhout Diesel Engine H. S. 3* 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 338 mm ✓ Is there a bearing between each crank ✓

Revolutions per minute 300 ✓ Flywheel dia 400 mm ✓ Main 400 ✓ Crank 400 ✓

Revolutions per minute *890* Flywheel dia. *100 in* Weight *1000 lb* Means of ignition *compression* Kind of fuel used *diesel oil*  
as per Rule *app.* Mid. length breadth *150 in*

Crank Shaft, dia. of journals as fitted 1 1/8 in Crank pin dia. 1 1/8 in Crank Webs 40 in shrunk Thickness parallel to axis 2  
Coupling 24 in Mid. length thickness 40 in Thickness around eyehole 2

Flywheel Shaft, diameter as per Rule 2 1/2 in.  
 as fitted 2 1/2 in. Intermediate Shafts, diameter as per Rule 2 1/2 in.  
 as fitted 2 1/2 in. 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.

Lubricating Oil Pumps, No. and size *1a 840 liters per hour.*

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

Scavenging Air Pumps, No. *Crankcase Scavenging* Diameter *1* Stroke *1* Driven by *1*

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

What means are provided for cleaning their inner surfaces.....

**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 18 1/2 cu ft Internal diameter 15 1/2 in thickness 1/4 in.  
Seamless, lap welded or riveted longitudinal joint Seamless Material Steel Range of temperature 440 to 200  
47 1/2 lb

ELECTRIC GENERATORS:—Type \_\_\_\_\_

Pressure of supply ..... volts. Load ..... Amperes. Direct or Alternating Current .....

*f* alternating current system, state frequency of periods per second.....

has the **Automatic Governor** been tested and found efficient when the whole load is suddenly thrown on or off \_\_\_\_\_

**Generators** do they comply with the requirements regarding \_\_\_\_\_

are they compounded 5 per cent. \_\_\_\_\_, if not compound wound state distance between each generator

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 .....

ANS. Are approved plans forwarded herewith for Shafting 10/35 Receivers 10/35 Separate Tanks e  
(If not, state date of approval)

ARE GEAR *as per rule.*

This engine has been satisfactorily fitted on board the M.V. "SIMNIA", tried under working conditions, & found good.

~~P. Fitzgibbon.~~  
~~9 Longwood~~

*The foregoing is a correct description.*

N.V. KROMHOUT MOTOREN FABRIEK

D. Goedkoop Jr.

*Manufacturer.*

Lloyd's Register  
Foundation

W84 - 0086



Dates of Survey while building { During progress of work in shops - September 11-16-18-19-20-24-27-30  
During erection on board vessel - October 3-8-11-21-22-31; November 13-25  
Total No. of visits 21 December 3-13 Jan 9-14-27

Dates of Examination of principal parts—Cylinders 11/9/35-19/9/35 Covers 21/9/35-31/10/35 Pistons 11/9/35-31/10/35 Piston rods -

Connecting rods 20/9/35-30/9/35 Crank and Flywheel shaft 16/9/35-6/1/36 Intermediate shaft -

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

Identification Mark LLOYD'S NO 2162 C.H.L.P. K.K 6-1-36

Coupling shafts, Material S. M. Steel

Identification Marks LLOYD'S NO 490A H.J. K.K 30-9-35

Is this machinery duplicate of a previous case Yes If so, state name of vessel Anglo Saxon Tankers

General Remarks (State quality of workmanship, opinions as to class, &c.) This Engine has been built

under Special Survey the scantlings were found in accordance with the approved plans and Secretary's letters.

Hydraulic tests were carried out on the water cooling spaces of cylinder jackets and covers, exhaust and cooling water manifolds with satisfactory results. The material and workmanship found in order, and the engine when tried under working condition on the test bed gave satisfactory results.

This Engine is in my opinion, suitable to be placed on board the M. V. built on the yard of Messrs Harland & Wolff Ltd at Belfast for the purpose intended.

The amount of Fee ... £ 90.00: When applied for, 19.  
Travelling Expenses (if any) £ 3.50: When received, 12. 3. 36  
(per L. L. L.)

Committee's Minute GLASGOW 26 MAY 1936

Assigned SEE ACCOMPANYING MACHINERY REPORT.

Surveyor to Lloyd's Register of Shipping.