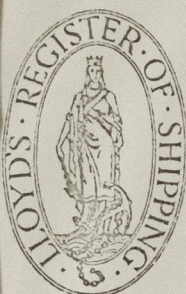


LLOYD'S REGISTER OF SHIPPING



Cert. Kln.C. 63/ 805

Retain with Hamburg
Ship First Entry

13425
Report No. Port *SS/MS I W T A J A M U N A*

of Köln, Heumarkt 54

Heinrich John, y. No. 1103

10th October, 1963

B.N. 1.8833.0.3914

L.R. 950 f

This is to Certify that

Heinrich Dröge

the undersigned Surveyor to this Society did at the request of Messrs. Klöckner-Humboldt-Deutz A.G. of Köln-Deutz attend at their works for the purpose of examining and testing one Heavy Oil Engine, as described below, made to the order of Messrs. Weserwerft, Minden.

Particulars of the engine are as follows:-

| | |
|-------------------------------|--------------------------|
| Engine Number..... | <u>3633600-602</u> |
| Type | A3M.514..... |
| Number of Cylinders | 3..... |
| Diameter of Cylinders..... | 110.mm..... |
| Stroke | 140.mm..... |
| Maximum Pressure..... | 70.kg/cm ² |
| Mean Indicated Pressure..... | 7.40.kg/cm ² |
| Brake Horse Power | 41..... |
| Revolutions per Minute | 1500..... |
| Span of Bearings..... | 114.mm... |
| Diameter of Journals | 75.mm... |
| Diameter of Crankpins..... | 75.mm... |
| Breadth of Webs | 116.mm... |
| Thickness of Webs | 27.mm... |
| Crankcase Volume..... | 58.ltrs. |
| No. & Total Area of Crankcase | |
| Relief Valves if Fitted | |

This engine has been built under Special Survey, in accordance with the Approved Plans and Rules of the Society, materials and workmanship being good.

On completion, the above machinery was tried in the shops under working conditions with satisfactory results.

Particulars of identification marks:

Engine: LLOYD'S KLN.
H.D. 23.8.63

Crankshaft: LLOYD'S KLN.
-- 186/1
K.B. 7.3.63



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Lloyd's Register
Foundation

H. Dröge

Engineer Surveyor to Lloyd's Register of Shipping

Fee:—

Expenses:—

01554-0049