

LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER

*SHIP OR ENGINE FORGINGS OR CASTINGS

o. 027-008
o. VE 1/3/DA/1918 5240/356175

I have to report that the Forgings or Castings, as herein described, manufactured
Messrs. Th. Wuppermann GmbH, of Leverkusen-Schlebusch

The Engines No. Köln-Deutz being constructed by Messrs. Klöckner Humboldt
Deutz for the Ship No. being built by

of

been inspected by me as set forth below, and found to be, so far as can be seen,
and free from defects. These have been despatched to Köln-Deutz.

ITEM	One 6-throw solid crankshaft
Identification No.	LLOYD'S DSF J.L. 1.8.55 866
Surveyor's Initials.	J.L.
Materials.	SM-Steel
How made.	forged
Heat treated.	yes
Dimensions.	210/220 mm Ø
Weight.	2340 kg
Progress on Insp.	rough machined
Field $\frac{kg}{sq. mm}$	35.1 40.9
Ult. $\frac{kg}{sq. mm}$	62.4 65.6
Elong. % on $\frac{50 mm}{5 \times d}$	27.0 23.0 22.4 21.3
Reduc. of Area %	40.5 40.5
Cold Bend.	180 degr. good
Brinell.	-
Rockwell C.	-
Final date.	1.8.55

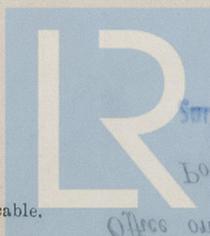
Date of approval of chemical analysis, physical properties and heat treatment in the case of special steels for reduction gearing forgings.

Other tests: -

Signature

Report on Machinery No.

Received at *Delete where not applicable.



T. Roemer
Surveyor to Lloyd's Register of Shipping

Date

1.8.55

Lloyd's Register Foundation