

# LLOYD'S REGISTER OF SHIPPING

1.8626.0.0014 856 **\*SHIP OR ENGINE FORGINGS OR CASTINGS**

I have to report that the Forgings or Castings, as herein described, manufactured by Messrs. Klöckner-Humboldt-Deutz A.G. of Köln-Deutz  
 \*for the Engines No. 3175027-032 being constructed by Messrs. Klöckner-Humboldt-Deutz A.G. of Köln-Deutz for the Ship No. XXXXX being built by  
 of

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

ITEM	6 connecting rods
Identification No.	LLOYD'S KLN. 82/1-6 H.D. 5.2.62
Surveyor's Initials.	H.D.
Materials.	Carbon steel
How made.	forged
Heat treated.	yes
Dimensions.	according to drawing No. 271 512
Weight.	48 kg each
Progress on Insp.	finished condition
Yield kg per sq. mm	56.2
Ult. kg per sq. mm	80.2
Elong. % on 5 x d	20.7
Reduc. of Area %	59.0
Cold Bend.	180 degr. satisfactory
Brinell.	207, 217, 217, 207, 217, 207
Izod.	-
Final date.	5.2.62

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

Messrs. Bochumer Verein declared analysis:-

Charge No.	C%	Si%	Mn%	P%	S%
123491	0.48	0.30	0.75	0.013	0.029

D.

Fee :

Expenses :

Signature

H. Dröge

\*Delete where not applicable.

Lloyd's Register Foundation Date 17/4/62