

# LLOYD'S REGISTER OF SHIPPING

## 26.0.0005 \*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. 2998639-44 being constructed by Messrs. Klöckner-Humboldt-Deutz A.G. of Köln-Deutz for the Ship No. ~~XXXXX~~ V6M 536 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. 38/6-12 H.D. 9.10.61
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	53.8
Ult. kg per sq. mm	79.4
Elong. % on 3.5 x d	27.0
5 x d	29.8
Reduc. of Area %	59.5
Cold Bend.	180 degr. satisfactory
Brinell.	220, 230, 205, 205, 205, 230
Izod.	-
Final date.	9.10.61

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

Elements declared analysis:-

Other tests:	Charge No.	C%	Si%	Mn%	P%	S%
	123477	0.47	0.35	0.80	0.020	0.032

Fee:

Signature

*H. Dröge*  
H. Dröge

Expenses:

\*Delete where not applicable.

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Lloyd's Register  
Foundation  
Date 11/12.61