

# LLOYD'S REGISTER OF SHIPPING

## 7.0.0010 \*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. 2998675-680 being constructed by Messrs. Klöckner-Humboldt-Deutz A.G. of Köln-Deutz for the Ship No. XXXXXXX BV6M536 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. 37/1-6 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.	48.0 kg each
Progress on Insp.	finished condition
Yield kg per sq. mm	50.8
Ult. kg per sq. mm	79.4
3.5 x d	27.0
Elong. % on 5 x d	23.8
Reduc. of Area %	58.0
Cold Bend.	180 degr. satisfactory
Brinell.	220, 205, 230, 220, 230, 220
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.

Makers' declared analysis:-

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

Fee :

Expenses :

Signature

H. Dröge

Date 11/12.61

\*Delete where not applicable.