

LLOYD'S REGISTER OF SHIPPING

27.0.0009 *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. 2998669-74 of Köln-Deutz for the Ship No. ~~XXXXXX~~ BV6M536 being constructed by Messrs. Klöckner-Humboldt-Deutz A.G. 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. 47/1-6 H.D. 19.10.61
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	59.0
Ult. kg per sq. mm	83.0
Elong. % on 3.5 x d	27.0
Elong. % on 5 x d	22.8
Reduc. of Area %	59.0
Cold Bend.	180 degr. satisfactory
Brinell.	205, 215, 205, 225, 225, 205
Izod.	-
Final date.	19.10.61

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%
123 477	0.47	0.35	0.80	0.020	0.032

Fee:

Expenses:

Report on Signature of H. Dröge
Surveyor to Lloyd's Register of Shipping Date 9/12.61
Lloyd's Register Foundation

*Delete where not applicable.