

PORT of Köln, Heumarkt 54.

KLN.F.58/

No. 461

LLOYD'S REGISTER OF SHIPPING

*SHIP OR ENGINE FORGINGS OR CASTINGS

No. 3750

No. 31 236/57 GV

I have to report that the Forgings or Castings, as herein described, manufactured

by Messrs. Oehler & Fick GmbH. of Dreis.Tiefenbach/Sieg.

*for the Engines No.

of Hamburg

MAN.No.N 405 223/2
 for ~~xxxx~~ ~~Ship~~ ~~No.~~
 Type: GBV 40/60
 of

405 24012

being constructed by Maschinenfabrik Augsburg-Nürnberg AG.

being built by

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 Hamburg.

ITEM	1 intermediate shaft
Identification No.	LLOYD'S KLN. H.B. 1888 19.2.58 ✓
Surveyor's Initials.	H.B.
Materials.	SM.Steel St. C. 35.61
How made.	forged
Heat treated.	yes
Dimensions.	to drwg. No. D 239 425/901/4
Weight.	410 kg
Progress on Insp.	rough machined
Yield kg per sq. mm	29.2
Ult. kg per sq. mm	57.8
Elong. % on 50 mm	26.6
5 x d	23.9
Reduc. of Area %	48.0
Cold Bend.	180 degr. good
Brinell.	-
Izod.	-
Final date.	19.2.58

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

Other tests: The chemical composition as stated by the manufacturer:

C%	Mn%	Si%	P%	S%
0.27	0.67	0.32	0.026	0.020

inspected in the finished condition found satisfactory

Fee:

Signature

(F.H. Bruggemann)

Date 8/3/58

Expenses:

015 213-015213-0070