

Kiel

LLOYD'S REGISTER OF SHIPPING

UNITED WITH THE BRITISH CORPORATION REGISTER

SHIP OR ENGINE FORGINGS OR CASTINGS

I have to report that the Forgings or ~~Castings~~ as herein described, manufactured by Georgsmarienwerke A.G. of Osnabrück, forged and machined by Kieler Howaldtswerke

the Engines No. -- being constructed by --
-- for the ^{Motor} Ship No. "ESSO KOBENHAVN" being built by --

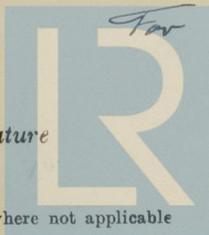
~~xxx~~

been inspected by me as set forth below, and found to be, so far as can be seen, and free from defects. These have been ~~despatched~~ fitted on board

ITEM	1 crank throw		
Identification No.	790 J.L. 28.2.53		
Surveyor's Initials.	E.S.		
Materials.	SM Steel		
How made.	Shaped & forged from forged bar		
Heat treated.	(certif. Df F.No. #8333 attached) yes		
Dimensions.	448 mm dia of pin		
Weight.	3200 kg		
Progress on Insp.	forged and finish machined		
Yield kg per sq/mm	I-web	T-web	L-pin
	27.1	26.5	28.7
kg per sq/mm	50.3	50.0	50.4
Elong. % on 100mm 5xd	29	28	25.8
Reduc. of Area %	51.7	51	53.5
Flange Bend.	180°	180°	180° good
Shell.	--		
...	--		
Final date.	1.4.54		

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

tests: --



For E. Lehmann
Ernst Reese

incl. in Rpt. 9

Signature

Lloyd's Register
Foundation

Date 9.2.54

*Delete where not applicable