

Received at _____ Office, _____

Aug 23 1937

Lloyd's Register of Shipping.

(Report on Machinery, No. 11875 Port Treviso)

No. P.4419 ENGINE FORGINGS ~~OR CASTINGS~~

I have to report that the Forgings ~~or Castings~~, as herein described, manufactured by Messrs. S.A. FIAT - Sez. Industrie Metallurgiche of Turin for the Engines No. DL.646 being constructed by Messrs. S.A. FIAT - S.G.M. of Turin for the Ship "CELLINA" being built by Messrs. Navigazione Libera Triestina of Trieste 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 Messrs. S.A. FIAT - Stabilimento Grandi Motori - Turin.

Mark on Forgings ~~or Castings~~

Lloyd's
No. 627
ASL. 8.9.36.

GENOA, 8th September, 1936.

A. Mantell

	CRANK SHAFT	THRUST SHAFT	INTERMEDIATE SHAFT	WHEEL SHAFT
	FLYWHEEL SHAFT	1 INTERMEDIATE SHAFT		SCREW SHAFT
Material* ...	S. W. Ingot steel			
How made ...	Forged			
If Annealed ...	Yes			
Dimensions, Forgings	To sketch No. 20582			
Weight, Castings ^{forging}	5487 Kgs.			
Progress on } Inspection }	Rough machined & finished			
Tests on Standard Test Pieces.	<u>A.627</u> (60 x 25 mm.)		<u>A.627A</u> (60 x 15 mm.)	
Tensile Test— Kgs per square mm.	47.5		48	
Extension per cent	33.3		31.5	
Cold Bending Test— Angle before fracture	180° Good.			
Dates when Inspected	8/7/36, 4/8/36 & 8/9/36.			

PARTICULARS OF OTHER TESTS APPLIED TO CASTINGS:—

THIS INTERMEDIATE SHAFT HAS BEEN EXAMINED IN FINISHED CONDITION, FOUND SATISFACTORY AND MARKED AS ABOVE.

A. Mantell
8/9/1936.

Fee (if any chargeable) £ --

To be paid at Genoa.

* If of wrought iron, state whether piled bars or scrap. If of steel, state whether made by the Open Hearth process.

