

See Dr Dorey.

J. Kosler Hzn No 161

Messrs. Humboldt Deutzmotoren.

Re crank shaft type R.V.6.M.343.

Messrs. Th. Wupperman, Leverkusen - Schlebusch.

IT IS SUBMITTED the Dusseldorf Surveyors be informed it is noted that an error has been made in machining the above crankshaft and since the resulting reduction in web thickness as shown on the sketch does not appreciably affect the strength, this shaft might be accepted, in this instance, provided it be found satisfactory on examination by the Surveyors.

It is concluded that the material of the crankshaft has an ultimate tensile strength of not less than 56 kgs per mm,<sup>2</sup> and that the shaft is intended for an engine having particulars as follows, but this should be confirmed:-

Engine type 4S.C.S.A.	Max. press. in cylinder 50 kgs/cm <sup>2</sup> .
Open sea service	M.I.P. 6.7 kgs/cm <sup>2</sup> .
No. of cylinders 6	Diameter of cylinders 280 mm.
Stroke 450 mm.	Span of bearings 307,5 mm.

It is also concluded that the Owners are aware of the facts of this case.

The Surveyors should be requested to state the Yard No. for which this engine is intended.

Return plan.

ELH

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W. H. H.

J.

23rd September, 1937.

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