

Lloyd's Register of Shipping.

Tickel & Angot

RESULTS OF TESTS OF STEEL

Forgings

Made by *The Darlington Forge Ltd, Darlington,*

For *Messrs Swan Hunter & Wigham Ltd, Newcastle,*

Engine 1306

Date.	Batch No.	No. of Pieces.	Description.	Charge Mark.	Sample No.	Thickness. <i>Dia</i>	Area.	Tons per square inch.	Extension on <i>3</i> inches.
									%
			2. 2 nd Red Wheel Rims	218 $\frac{7}{8}$ dia	804	.798	.50	31.2	31.0
			2. Nickel Steel 2 nd Red Pinion Shafts	343948 $\frac{3}{4}$ "	922	.564	.25	42.0	27.0 on 2"
			B . . . primary	"	42	"	"	42.0	29.0 "
			1 . . .	"	132	"	"	41.6	26.0 "
			1. 1 st Red Wheel Rims	149 $\frac{7}{8}$ "	860	.798	.50	34.0	30.0 - 3"
			2. Transmission Shafts	98 $\frac{3}{4}$ "	972	"	"	30.6	32.0 "
			1. Thrust Shaft	39 $\frac{1}{2}$ "	980	"	"	29.8	31.0 "
			2. Shaft Couplings	488 $\frac{3}{4}$ "	28	"	"	29.3	34.0 "
			1. 1 st Red Wheel Rim	149 $\frac{7}{8}$ "	832	"	"	31.4	30.0 "

All bends Angle 180 without Fracture

M. Robertson

10/11/28



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Foundation