

Test Certificate - RLOS 160 s1 torque setting

order / contract :

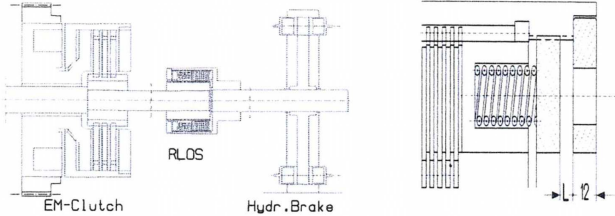
Commissions-No: **160.00000**

RLOS 160

Drawing-No.: Z59594.59

clutch for nominal torque 1450 Nm
required safe torque transmission up to 1450 Nm

torque setting according to the torque specification
marked on the clutches as shown

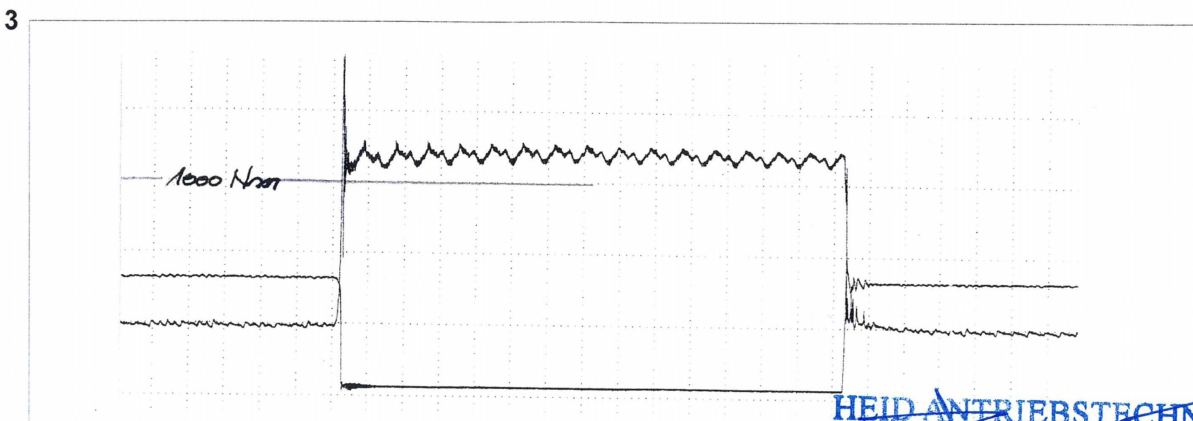
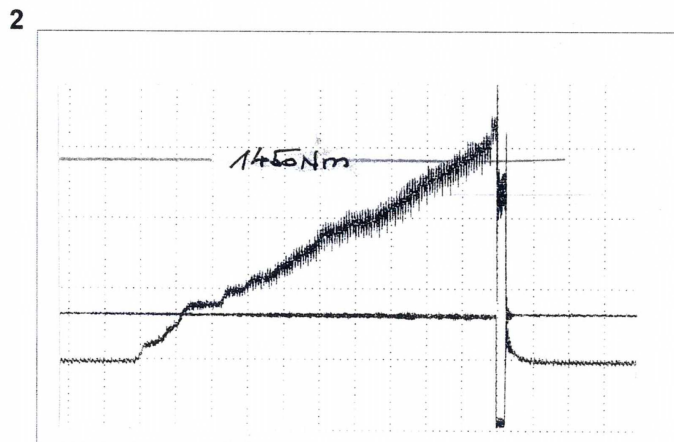
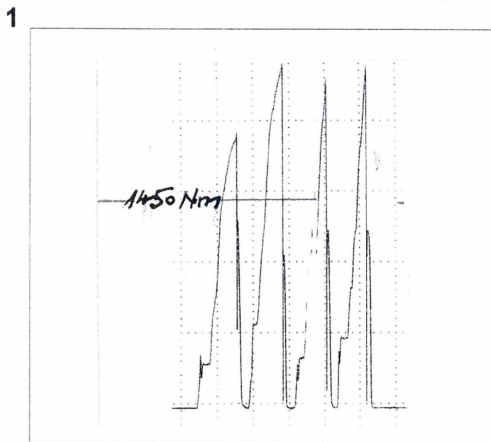


serial number:	373737	mm
torque setting marked	1	L = 6,2

Torque reading: 20 mm for 1000 Nm

remarks: all tests with 'cooled off' RLOS 160 previously running-in at 140 rpm over friction work 500 to 750 kJoule within 3 hours period.

recording No.	test made to measure	test routine when adjusting and checking the RLOS 160
1 speed of recording = 25 mm/ min	Static torque measured with lever on drive input	The static torque value depends on the thickness of the oil film between the friction faces with the first static measurement lower then the next.
2 speed of recording = 2,5 mm/ sec	static torque at 140 rpm input speed	Input drive at 140 rpm with EM-clutch engaged constantly. By slowly increasing the torque of the Hydraulic brake until the RLOS 160 slips and the torque drops from static- to the dynamic torque given at 140 rpm.
3 speed of recording = 10 mm/ sec	Static torque when suddenly overloading the RLOS 160 at 140 rpm	Input drive at 140 rpm with EM-clutch engaged constantly. By quickly increasing the torque of the hydraulic brake overloading the RLOS 160. This measurement is combined with a speed recording indicating the exact moment of clutch slip. Recorded torque peaks by inertia force are to neglect.



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