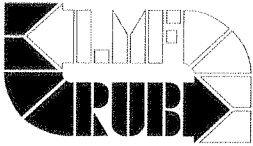


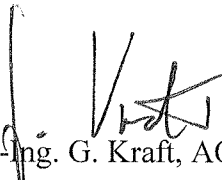
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March 23, 2007

		Type testing acc. DIN EN 13411 - 6 on casted asymmetric wedge socket Part 2(2) Fatigue test	
Company: Süther & Schön GmbH			
Rope			
∅	Construction		Minimum breaking force F_{min} [kN]
18 mm	CASAR Eurolift (2160 N/mm ²)		317,50
Asymmetric wedge socket NG 500			
	socket body	wedge with two holes	pin
item-no.	KK2 1620 00 000 148	K02 1620 00 000 148	B01 1620 00 000 148
new item-no.	KK2 1618 00 000 411	K02 1618 00 000 411	B01 1620 00 000 148
material	GS 26 CrMo 4V1	GS 45	42 CrMo4 V
Fatigue test			
no.	Minimum force $F_u = 0,15 * F_{min}$ [kN]	Maximum force $F_o = 0,3 * F_{min}$ [kN]	Load cycles
89.06	47,63	95,25	75.000
results	The 2 test samples fulfil the fatigue test (6.24) . The non destructive testing of the component parts by dye penetrant method did not exhibit visable cracks.		


Dr.-Ing. G. Kraft, AOR