

Test-Report E-Chains



page 1 of 2						Test No	o.: 3203a	
Ol' 1								
Client:						1		
Name:		Team: lab		Date:	12.02.09	Result:	20.08.09	
Order-Info:								
Customer/ No.: i	gus®							
Series / No: 255.10.075.0				Installation type:				
Goal: determine the	influence	of cutting and cooling	oils re	egarding	the e-chain's sta	bility against	pull forces.	
Technical data				Series data				
Length [links] or [m]:				MatNo.:				
Additional load [kg/m]:				Proddate:				
Chain weight [kg/m]:				Origin: ☐Stock ☐Production ☐Customer				
Temperature [°C]:				- Other:				
a acceleration [m/sec ²]:				tempered No Yes				
Mounting brackets:				conditioned				
Filling (Sketch-No.):				- moist	ure absorption [%]			
Cycles		v Speed [m/s]	<u> </u>	Remark	:			
Experimental setup (Sketch, Photo)								
		chai	ins we ee oils	re running were tes cutting flui	g for 4 months. ted as the main f d 1		il. For this test the e-	

→ Test Lab Copy 1 → Konstruction
Copy 2 → Client



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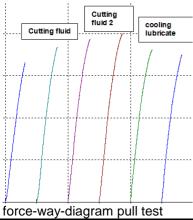


experimental setup pull test

Investigational procedure

From: 17.07.09 To: 20.07.09 Examiner:

Result



	Maximum pull force
dry area	100%
Cutting fluid 1	85%
Cutting fluid 2	95%
Cooling lubricate	86%

Report: Sheets

Evaluation

The pull force that the e-chains withstand is in average 10% weaker after they have been running in the liquids. This needs to be considered in the designing process.

Name: Date: 20.08.2009

QM-2-201

For internal use only

The managing data show the results of the accomplished examinations. With all data it still acts neither around one or more warranties of certain characteristics around one or more warranties regarding the suitability of a product for a certain targeted application, since the examinations on laboratory conditions took place. The warranty of certain characteristics of the products and/or their suitability for a certain application requires writing in the confirmation of order. Finally we recommend user-specific measurements under genuine operating conditions.

Original → Test Lab
Copy 1 → Konstruction
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