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Technical Data

	Norm	Conditions	Unit	Value
<b>Base Oil</b>				
Type				Synthetic oil
<b>Thickener</b>				
Type				Lithium Soap
Unworked penetration	DIN ISO 2137	No shear stress	0,1 mm	220 - 250
<b>Additives</b>				
Solid lubricants, type				MoS <sub>2</sub> , Graphite, white solid lubricants
Additives				Mo <sub>x</sub> -Active
<b>Application Data</b>				
Density	DIN EN ISO 3838	+20°C	g/cm <sup>3</sup>	1,25
Colour				black
<b>Service Temperatures</b>				
Minimum service temperature			°C	-35
Maximum service temperature - separation			°C	450, max. 630
<b>Wear protection tests</b>				
VBT- weld load (Four ball test rig)	DIN 51 350-4		N	2.400
<b>Friction values</b>				
Press-Fit-Test	E DIN 51 833		μ	0,09, no chatter
Thread friction values	DIN EN ISO 16047	Screw ISO 4017 M10x55-8.8 plain Nut ISO 4032 M10-10 plain	μ	0,07
Break-loose torque	DIN 267-27	M10 A2/40 Nm/400 °C/100 h	Nm	< 2,0 x tightening torque
<b>Releases / Specifications</b>				
German railways				Substance-Nr. 07606