



Innovation and Experience at Work

RheoGel 916A

RheoGel 916A is an excellent low temperature, polymer fortified synthetic grease approved to the **VW TL 778-B** specification. It is useful for many body hardware, latch and seat applications. It is also a very good multipurpose low temperature lubricant. This product is fortified with polytetrafluoroethylene.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
Type		Polyalphaolephin	
Temperature Service Range (°C)		-40 to 125	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Lithium 12-Hydroxystearate	
Color		Off White	
Appearance		Smooth	
NLGI Grade		2	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	265-295	
	Worked	60X	265-295
		100,000X	347
		100,000X Change	29%
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		185 min.	
Oil Separation (ASTM D6184)	24h at 100°C	6% max.	
Oil Separation (DIN 51 817)	168h at 40°C	5.5%	
Evaporation (CTM-1)	24h at 100°C	1% max.	
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1b	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _r	0.43mm	
	Dynamic Coefficient of Friction (steel on steel)	0.071	
EMCOR (ASTM D6138/DIN 51 802)		0	
Oxidation Stability (ASTM D942 / DIN 51808)	100h at 100°C	2 kPa	
	168h at 100°C	16 kPa	
Kesternich Flow Pressure (DIN 51 805)	20°C	10.2 kPa	
	-35°C	29.2 kPa	
Specific Gravity (CTM-2)	25°C	0.91	
Low Temperature Torque (ASTM D1478)	-40°C	Start	839 g-cm
		Run 60 min	241 g-cm

Engineered Custom Lubricants

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3851 Exchange Ave. • Aurora, IL 60504 • T: 630.449.5000 • F: 630.585.0050 • E: customerservice@eclube.com • www.eclube.com

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