



*Innovation and Experience at Work*

## RheoGel 916-1

RheoGel 916-1 is an excellent low temperature, polymer fortified synthetic grease designed to meet VW TL 778. It is useful for many body hardware, latch, and seat applications. It is also a very good multipurpose low temperature lubricant.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-40 to 125
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Lithium-12 Hydroxystearate
Color		Off-white
Appearance		Smooth
NLGI Grade		1
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	310 min.
	Worked	60X 310-340
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		185 min.
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa	10.27
Oil Separation (ASTM D6184)	24h at 100°C, %	4.82
Evaporation (CTM-1)	24h at 100°C, %	0.22
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1b
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	1,840,000 cP
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg <sub>f</sub>	0.52
Specific Gravity (CTM-2)	25°C	0.96
Oxidation Stability (ASTM D942 / DIN 51808)	100h at 100°C, kPa	55.15

**Engineered Custom Lubricants**

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