



**Innovation and Experience at Work**

## RheoGel 916A-1

RheoGel 916A-1 is an excellent wide temperature, polymer fortified synthetic grease that is useful for many body hardware, latch and seat applications. It is also a very good multipurpose low temperature lubricant and is fortified with polytetrafluoroethylene and anti-wear additives.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
Type		Synthetic Hydrocarbon	
Temperature Service Range (°C)		-60 to 125	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Lithium / PTFE	
Color		White	
Appearance		Smooth	
NLGI Grade		1	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	310-340	
	Worked	60X	310-340
		100,000X	354
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		221	
Oil Separation (ASTM D6184)	24h at 100°C	5.75%	
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa	0.24%	
Evaporation (CTM-1)	24h at 100°C	0.19%	
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 79°C	4.42%	
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1b	
Specific Gravity (CTM-2)	25°C	0.88	
Oxidation Stability (ASTM D942 / DIN 51808)	100h at 99°C	2.5 psi	
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	2,480,000 cP	

**Engineered Custom Lubricants**

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