



**Innovation and Experience at Work**

## RheoGel 1216

RheoGel 1216 is a unique, wide temperature grease based on PAO and Lithium soap. Originally developed to possess very low oil separation, which is rare given the light viscosity base oil. Also unique for such a light viscosity grease is its wear protection and water resistance. Polymer fortified for enhanced performance and noise reduction and great low temperature capability. Intended for medium and lightly loaded metal and plastic parts.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Type			Synthetic Hydrocarbon
Temperature Service Range (°C)			-45 to 125
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Lithium
Color			Off White
Appearance			Smooth
NLGI Grade			1.5
Penetration (ASTM D217 / DIN 51804-T1)	Worked	60X	305
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)			214
Oil Separation (ASTM D6184)	24h at 100°C		0.60%
Evaporation (CTM-1)	24 at 100°C		0.38%
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 40°C		3.0%
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg <sub>f</sub>		0.47mm
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C		2,824,000 cP

**Engineered Custom Lubricants**

ISO/TS16949:2009 • Registered QMS

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