



Innovation and Experience at Work

RheoGel 1832

RheoGel 1832 is a medium viscosity, low odor, synthetic hydrocarbon grease capable of operating at very low temperatures. It possesses good wear protection, plastic compatibility and water resistance and outstanding corrosion protection. It is idea for small to medium bearings, gears and actuators used in automotive components.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Type			Synthetic Hydrocarbon
Temperature Service Range (°C)			-65 to 125
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Lithium
Color			Off-white
Appearance			Smooth
NLGI Grade			2
Penetration (ASTM D217 / DIN 51804-T1)	Unworked		265-295
	Worked	60X	265-295
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)			185 min.
Rust Corrosion (ASTM D1742)			Pass
Copper Corrosion (ASTM D4048)			1b max.
Four Ball Weld Load (KGF)			315
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _r		0.55mm
Water Washout (ASTM D1264)	60 min at 79°C		3.50%
Flow Pressure (mbar)	-35°C		<=450
Specific Gravity (CTM-2)	25°C		0.825
EMCOR	7 Days		0/0
Low Temperature Torque (ASTM D1478)	-40°C	Starting	0.026 Nm
		Running	0.014 Nm

Engineered Custom Lubricants

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