

RheoGel 1832

RheoGel 1832 is a medium viscosity 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 ideal 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	0.0617 Nm
		Running	0.0326 Nm

*The values stated in this Product Data Sheet are Typical Values and **must not** be used as QC Specifications for this product. Please contact the Global Technical Services department for QC specifications for this product.