

RheoGel 2204

RheoGel 2204 is a synthetic hydrocarbon grease prepared from a lithium-based thickening agent and fortified with additives to improve oxidative stability and promote film formation during transient sub-EHD operating conditions. This grease has been designed for low temperature automotive applications.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Type			Synthetic Hydrocarbon
Temperature Service Range (°C)			-40 to 150
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Lithium
Color			Natural
Appearance			Smooth
NLGI Grade			2
Penetration (ASTM D217)	Unworked		250 min.
	Worked	60X	265-295
		10,000X	284
Dropping Point (°C) (ASTM D2265)			200 min.
Oil Separation (ASTM D6184)	24h at 100°C		5% max.
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa		3.7%
Evaporation (CTM-1)	24h at 100°C		1% max.
Water Washout (ASTM D1264)	60 min at 38 °C		1.75%
Copper Corrosion (ASTM D4048)	24h at 100°C		1a
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C		2.1 x 10 ⁶ cP
	25°C		40,470 cP
Four Ball Wear (ASTM D2266)	60 min 1200 RPM 75°C 40kg _f		0.52mm
Specific Gravity (CTM-2)	25°C		0.85
Oxidation Stability (ASTM D942)	168h at 100°C		17 kPa
Low Temperature Torque (ASTM D1478)	-40°C	Start	1180 g-cm
		Run 60 min	177 g-cm

*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.