



Innovation and Experience at Work

TriboGel R174S

TriboGel R174S is a fully synthetic grease. It is slightly tacky, provides dampening, and has good film thickness while preserving good low temperature performance. This product is polytetrafluoroethylene fortified.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
Туре			Synthetic Hydrocarbon
Temperature Service Range (°C)			-40 to 125
Aniline Point (°C) (ASTM D611)			119.9
GREASE CHARACTERISTICS			TYPICAL VALUE *
Thickener			Lithium
Color			Off White
Appearance			Smooth
NLGI Grade			1
Penetration (ASTM D217 / DIN 51804-T1)	Unworked		300 min.
	Worked	60X	310-340
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)			175 min.
Oil Separation (ASTM D6184)	24h at 100°C		10% max.
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa		5% max.
Evaporation (CTM-1)	24h at 100°C		0.15%
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f		0.606mm
	Dynamic Coefficient of Friction (steel on steel)		0.071
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C		2,500,000 cP
Oxidation Stability (ASTM D942 / DIN 51808)	100h at 100°C		9 kPa
Low Temperature Torque (ASTM D1478)	-40°C	Start	676 g⋅cm
		Run 10 min	351 g⋅cm
		Run 60 min	299 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.

Engineered Custom Lubricants

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