

## 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 *	
Type		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 <sub>f</sub>	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.