



Innovation and Experience at Work

RheoGel 2105P

RheoGel 2105P is carefully balanced low noise grease to provide friction reduction, wear prevention, extreme pressure performance, low temperature performance, and ferrous corrosion protection. This grease has been designed for wide temperature automotive and industrial applications and is recommended from -50°C to 150°C.

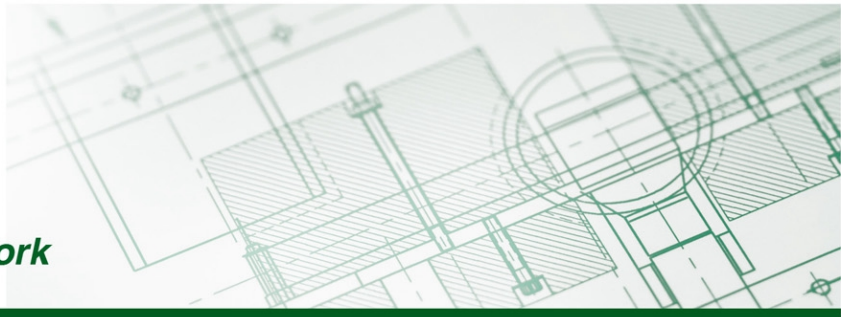
BASE OIL CHARACTERISTICS		TYPICAL VALUE *
Type		Synthetic Hydrocarbon
Temperature Service Range (°C)		-50 to 150
GREASE CHARACTERISTICS		TYPICAL VALUE *
Thickener		Lithium
Color		Off-white
Appearance		Smooth
NLGI Grade		2
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	265-295
	Worked	60X 265-295
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		200 min.
Oil Separation (ASTM D6184)	24h at 100°C	5% max.
Evaporation (CTM-1)	24 at 100°C	1% max.
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 79°C	4.80%
Bearing Corrosion (ASTM D1743)	48h at 52°C, 5% NaCl solution	Pass
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1a
Corrosion Protection (EMCOR) SKF EMCOR method ISO 11007 DIN 51 802 IP 220	168h w/alternating running & stop periods 80 rpm; 5% NaCl solution; 11 cm ³ per bearing	#2
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	0.40mm
	Dynamic Coefficient of Friction (steel on steel)	0.070
Four Ball EP (ASTM D2596)	LNSL	63 kg
	LSL	160 kg
	WP	200 kg
	LWI	29.05

Engineered Custom Lubricants

ISO/TS16949:2009 • Registered QMS

3851 Exchange Ave. • Aurora, IL 60504 • T: 630.449.5000 • F: 630.585.0050 • E: customerservice@ecllube.com • www.ecllube.com

DISCLAIMER: Since we cannot anticipate or control the many different conditions under which this information and our product may be used, we cannot guarantee the applicability of this information or the suitability of our product in any individual situation. For the same reason, the product discussed is sold without warranty expressed or implied. Please contact Engineered Custom Lubricants for assistance and recommendations prior to writing or releasing any engineering specifications. ECLI Products, LLC, owns and does business as Engineered Custom Lubricants and Lubrication Technology.



RheoGel 2105P

Fretting Wear (ASTM D4170)	Axial load: 8000N (Hertzian pressure 2100 N/mm ²) Duration of test: 5 or 50 h Frequency: 24 Hz Oscillation angle: ±3° Temperature of lower bearing ring: -20°C or +25°C		3.6 mg
Oxidation Stability (ASTM D942 / DIN 51808)	100h at 100°C		2 psi
Low Temperature Torque (ASTM D1478)	-40°C	Start	754 g-cm
		Run 60 min	338 g-cm
Low Apparent Viscosity (ASTM D2196) or CTM-3 (Brookfield)	-40°C, T-C Spindle		3,700,000 cP
Flow Pressure of Lubricating Grease (DIN 51 805)	-40°C		4.00 psi 8.14 inches Hg 110.7 inches H ₂ O 27.58 kPa 275.8 mbar