

EvoLube R602DB

EvoLube R602DB is synthetic polyurea-thickened grease containing PTFE with outstanding long-life properties. Polyurea thickeners act to inhibit oxidation, which adds to the life of the grease. This fully synthetic product is made from polyalphaolephin oil that will pour at -60°C, giving excellent cold temperature properties. It can also operate for a limited time at temperatures up to 200°C. EvoLube R602DB is water resistant multi-purpose grease that is compatible with most plastics and elastomers. This product is environmentally friendly, as it contains no heavy metals.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
Type		Synthetic Hydrocarbon	
Temperature Service Range (°C)		-40 to 150	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
Thickener		Polyurea	
Color		Black	
Appearance		Smooth	
NLGI Grade		2	
Penetration (ASTM D217 / DIN 51804-T1)	Unworked	265-295	
	Worked	60X	265-295
		100,000X	280
Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)		260 min.	
Oil Separation (ASTM D6184)	24h at 100°C	2% max.	
Oil Separation (ASTM D1742)	24h at 25°C and 1.72 kPa	1.94%	
Evaporation (CTM-1)	22h at 100°C	1% max.	
Water Washout (ASTM D1264 / DIN 51807-T2)	60 min at 79°C	0.44%	
Copper Corrosion (ASTM D130 / DIN 51811)	24h at 100°C	1a	
Apparent Viscosity (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	6,000,000 cP	
Four Ball Wear (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg _f	0.57mm	
Specific Gravity (CTM-2)	25°C	0.93	
Oxidation Stability (ASTM D942 / DIN 51808)	100h at 100°C	7 kPa	
Low Temperature Torque (ASTM D1478)	-40°C	Start	1,645 g-cm
		Run 10 min	501 g-cm
		Run 60 min	228 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.