



## EvoLube R602DN

EvoLube R602DN 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 R602DN 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 *	
<b>Type</b>		PAO	
<b>Temperature Service Range (°C)</b>		-40 to 150	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
<b>Thickener</b>		Polyurea	
<b>Color</b>		Off-white	
<b>Appearance</b>		Smooth	
<b>NLGI Grade</b>		2	
<b>Penetration</b> (ASTM D217 / DIN 51804-T1)	Unworked	265-295	
	Worked	60X	265-295
		100,000X	280
<b>Dropping Point (°C)</b> (ASTM D2265 / DIN ISO 2176)		260 min.	
<b>Oil Separation</b> (ASTM D6184)	24h at 100°C	2% max.	
<b>Oil Separation</b> (ASTM D1742)	24h at 25°C and 1.72 kPa	1.94%	
<b>Evaporation</b> (CTM-1)	22h at 100°C	1% max.	
<b>Water Washout</b> (ASTM D1264 / DIN 51807-T2)	60 min at 79°C	0.44%	
<b>Copper Corrosion</b> (ASTM D130 / DIN 51811)	24h at 100°C	1a	
<b>Apparent Viscosity</b> (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	6,000,000 cP	
<b>Four Ball Wear</b> (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg <sub>r</sub>	0.54mm	
	Dynamic Coefficient of Friction (steel on steel)	0.069	
<b>Specific Gravity</b> (CTM-2)	25°C	0.93	
<b>Oxidation Stability</b> (ASTM D942 / DIN 51808)	100h at 100°C	7 kPa	
<b>Low Temperature Torque</b> (ASTM D1478)	-40°C	Start	1,645 g-cm
		Run 10 min	501 g-cm
		Run 60 min	228 g-cm