



*Innovation and Experience at Work*

## EvoLube R601

This evolutionary, polyurea-thickened grease contains PTFE and has outstanding long-life properties. Polyurea thickeners act to inhibit oxidation, thereby adding to the long-life effectiveness of this grease. This product contains a very light viscosity white mineral oil that gives it excellent low temperature properties at -45°C. It can also operate at temperatures up to +205°C. It is a shear stable, multi-purpose, water resistant grease and is compatible with most plastics and seals. There are no heavy metals in this product, making it environmentally friendly.

BASE OIL CHARACTERISTICS			TYPICAL VALUE *
<b>Type</b>			Mineral Oil
<b>Temperature Service Range (°C)</b>			-45 to 205°C
GREASE CHARACTERISTICS			TYPICAL VALUE *
<b>Thickener</b>			Polyurea
<b>Color</b>			Blue
<b>Appearance</b>			Smooth
<b>NLGI Grade</b>			2
	Worked	60X	265-295
		100,000X	300
<b>Dropping Point (°C)</b> (ASTM D2265)			260 min.
<b>Oil Separation</b> (ASTM D6184 Mod.)			24h at 100°C
<b>Oil Separation</b> (ASTM D1742)			24h at 25°C and 1.72 kPa
<b>Evaporation</b> (CTM-1)			24h at 100°C
<b>Water Washout</b> (ASTM D1264)			3.92%
<b>Copper Corrosion</b> (ASTM D130)			1a
<b>Four Ball Wear</b> (ASTM D2266)			60 min 1200 RPM 75°C 40kg <sub>r</sub>
<b>Specific Gravity</b> (CTM-2)			25°C
<b>Low Temperature Torque</b> (ASTM D1478)	-40°C	Start	3,153 gm-cm (0.309 N-m)
		Run 10 min	1,788 gm-cm (0.175 N-m)
		Run 60 min	455 gm-cm (0.044 N-m)

\*The typical values reported on this data sheet should not be used for writing specifications or creating drawings. Please consult ECL for assistance in preparing a specification for this product. Refer to our product Material Safety Data Sheet for detailed safety information.

**Engineered Custom Lubricants**

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