

## EvoLube 232F

EvoLube 232F is a filtered synthetic polyurea-thickened, PTFE fortified grease and has outstanding long-life properties. Polyurea thickeners act to inhibit oxidation thereby adding to the long-life effectiveness of this grease. EvoLube 232F is formulated with synthetic base oil that gives it excellent low temperature performance as well as high temperature performance.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
<b>Type</b>		Synthetic Hydrocarbon	
<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>		1	
<b>Penetration</b> (ASTM D217 / DIN 51804-T1)	Unworked	300 min.	
	Worked	60X	310-340
		10,000X	317
	100,000X	331	
<b>Dropping Point (°C)</b> (ASTM D2265 / DIN ISO 2176)		230 min.	
<b>Oil Separation</b> (ASTM D6184)	24h at 100°C	5% max.	
<b>Oil Separation</b> (ASTM D1742)	24h at 25°C and 1.72 kPa	4.9%	
<b>Evaporation</b> (CTM-1)	24h at 100°C	1% max.	
<b>Water Washout</b> (ASTM D1264 / DIN 51807-T2)	60 min at 80°C	8% max.	
<b>Apparent Viscosity</b> (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	1,800,000 cP	
<b>Four Ball Wear</b> (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg <sub>f</sub>	0.65mm max.	
	Dynamic Coefficient of Friction (steel on steel)	0.079	
<b>Specific Gravity</b> (CTM-2)	25°C	0.96	
<b>Oxidation Stability</b> (ASTM D942 / DIN 51808)	100h at 100°C	35 kPa max.	
<b>Low Temperature Torque</b> (ASTM D1478)	-40°C	Start	1,121 g·cm
		Run 60 min	266 g·cm

### 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](mailto:customerservice@ecllube.com) • [www.ecllube.com](http://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.