

## EvoLube APF2

EvoLube APF2 is synthetic hydrocarbon grease thickened with polyurea. It has been formulated as industrial and automotive multi-purpose lubricant. It is specifically recommended for high speed rolling element bearing applications. EvoLube APF2 has excellent tribochemistry under sub-elasthydrodynamic conditions, excellent resistance to thermo-oxidation, and superior oil separation characteristics.

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>		2	
<b>Penetration</b> (ASTM D217 / DIN 51804-T1)	Unworked	265-295	
	Worked	60X	265-295
		10,000X	310
		100,000X	318
<b>Dropping Point (°C)</b> (ASTM D2265 / DIN ISO 2176)		260 min.	
<b>Oil Separation</b> (ASTM D6184)	24h at 100°C	1% max.	
<b>Oil Separation</b> (ASTM D1742)	24h at 25°C and 1.72 kPa	2% max.	
<b>Water Washout</b> (ASTM D1264 / DIN 51807-T2)	60 min at 38°C	0.77%	
<b>Bearing Corrosion</b> (ASTM D1743)	48h at 52°C	No Corrosion	
<b>Apparent Viscosity</b> (Brookfield Viscometer T-C spindle, 1 rpm)	-40°C	5,400,000 cP	
<b>Four Ball Wear</b> (ASTM D2266 / DIN 51350-T5)	60 min 1200 RPM 75°C 40kg <sub>f</sub>	0.47mm	
	Dynamic Coefficient of Friction (steel on steel)	0.083	
<b>Specific Gravity</b> (CTM-2)	25°C	0.89	
<b>Oxidation Stability</b> (ASTM D942 / DIN 51808)	100h at 100°C	2 kPa	
	168h at 100°C	2 kPa	
<b>Low Temperature Torque</b> (ASTM D1478)	-40°C	Start	897 g·cm
		Run 10 min	286 g·cm
		Run 60 min	195 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.

### Engineered Custom Lubricants

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# Product Data Sheet

## EvoLube APF2

Kesternich Flow Pressure (DIN 51808)	20°C	1.45 psi 2.95 inches Hg 40.14 inches H2O 10.00 kPa 99.98 mbar
	-35°C	10.90 psi 22.19 inches Hg 301.7 inches H2O 75.16 kPa 751.6 mbar

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