



## Accrolube High Temperature Polyurea grease with PTFE

Accrolube High Temperature Polyurea grease is a premium, high performance grease, designed for extending service life for industrial applications over a wide operating temperature range. This advanced, shear stable thickening system is designed to reduce oil separation at elevated temperatures. In addition, this thickening system does not contain any heavy metals that will act as a catalyst for oxidation. This will result in a longer life lubricant in the application and be friendly to the environment.

Accrolube High Temperature Polyurea grease is formulated with the right base oil viscosity to provide excellent film strength at elevated temperature. This will help protect parts from friction and wear. The product is formulated with highly refined mineral oil to help extend the life of the lubricant. To enhance the performance properties of the grease, lubricating solids, (PTFE) are added to the grease to help reduce the coefficient of friction in the application.

Applications- Automotive, Mold Release, Pneumatic Cylinders, Gears, Bearings, Jack Screws, Hydraulic & Industrial Equipment, Valves, and Marine Equipment.

BASE OIL CHARACTERISTICS		TYPICAL VALUE *	
<b>Type</b>		Mineral Oil	
<b>Viscosity</b> (ASTM D445 / DIN 51562-1)	at 100°C	18 cSt	
	at 40°C	190 cSt	
<b>Flash Point, °C, (ASTM D92)</b>		<b>260</b>	
<b>Fire Point, °C (ASTM D92)</b>		<b>293</b>	
<b>Pour Point, °C (ASTM D92)</b>		<b>-12</b>	
<b>Viscosity Index (ASTM D2270)</b>		<b>95</b>	
GREASE CHARACTERISTICS		TYPICAL VALUE *	
<b>Thickener</b>		Polyurea	
<b>Color</b>		Green	
<b>Appearance</b>		Smooth	
<b>NLGI Grade</b>		2	
<b>Penetration</b> (ASTM D217 / DIN 51804-T1)	Worked	60X	265-295
		100.000X	300
<b>Dropping Point (°C) (ASTM D2265 / DIN ISO 2176)</b>		287°C	
<b>Oil Separation</b> (ASTM D6184)	24h at 100°C	0.3%	
<b>Copper Corrosion</b> (ASTM D130 / DIN 51811)	24h at 100°C	1A	
<b>Rust Test (ASTM D1743)</b>		Pass	
<b>Four Ball Weld, kg</b> (ASTM D2596)		315	
<b>Timken OK Load, lb</b> (ASTM D2509)		45	
<b>Specific Gravity</b> (CTM-2)	25°C	0.972	
<b>PTFE Content, min</b>		1%	

