

## POLYNA™ EP LUBRICATING GREASE

Polyna™ (Pronounced “Paulina”) is a non-soap polyurea lubricating grease formulated with high quality raw materials. It is fortified with rust and oxidation inhibitors as well as extreme pressure additives.

Polyna™ offers a dropping point of over 500°F. It performs well in areas where water washout is a major concern.

The chemical and physical properties of Polyna™ make it a superb all-purpose lubricating grease.

### BENEFITS:

Polyna™ has a wide variety of uses, especially in areas where water washout and high temperature are of concern.

### APPLICATIONS:

Recommended for use in automotive wheel bearings, chassis parts, CV joints, high-speed antifriction bearings, agitator bearings and other extreme applications. Use in automotive applications such as, alternators, air conditioner compressor, water pumps and idler pulleys.

Polyna™ is ideal for equipment in steel mills such as Mill Stand bearings and the bearings on continuous casters.

ASTM #	Grade	TYPICAL CHARACTERISTICS	
		EP 1.5	EP 2
D-217	Cone Penetration (Worked)	290-320	265-295
D-2265	Dropping Point, °F (°C)	500 (260)	500 (260)
D-445	Kinematic Viscosity (Base Oil with Polymer) cSt @ 40°C cSt @ 100°C	135 12.0	135 12.0
D-2509	Timken OK Load, lbs, minimum	60	60
D-2596	Four Ball EP Weld Point, kg Load Wear Index	400 50	400 50
D-2266	Four Ball Wear, Scar Width, mm	0.50	0.50
D-1264	Water Washout, % Loss @ 100°F (38°C)	0 to 3	0 to 2
D-1742	Oil Separation, % Loss	<0.35	<0.30
D-1743	Rust Test	Pass	Pass
D-4048 (Modified)	Copper Strip Corrosion for Greases 212°F (100°C) @ 3 hrs	1B	1B
	Usable Temperature Range, °F (°C)	-30 (-34) to 325 (163)	-30 (-34) to 325 (163)
D-4693	Low Temperature Torque, @ -40°C, Nm	600	610
D-942	Pressure Vessel Oxidation Psi pressure drop (100 hours)	5 Max	5 Max
D-4170	Fretting Wear, mg	<5	<5
	Thickener Type	Polyurea	Polyurea
	Color	Green	Green
	Texture	Buttery	Buttery
	Appearance	Smooth	Smooth

The above are average values. Minor variations which do not affect product performance are to be expected in normal manufacturing.

### PACKAGING

Shuttle Tanks	Nonreturnable Totes	Drums	Pails
---------------	---------------------	-------	-------

For warranty information, scan the QR code.  
You can also email us at [sales@whitmores.com](mailto:sales@whitmores.com)  
Or write to the Sales Department at the address below.

930 Whitmore Drive • Rockwall, Texas 75087 • USA • (972) 771-1000 • 800-699-6318  
An ISO 9001 and ISO 14001 registered company • [www.whitmores.com](http://www.whitmores.com)

