Polygard™ EM

Polygard™ EM grease is a premium, high temperature, extreme pressure, multi-purpose polyurea thickened grease. **Polygard EM** is formulated for a wide range of industrial applications where bearings operate under conditions of high heat, high speed, vibration, moisture, and heavy loads.

TYPICAL APPLICATIONS INCLUDE:

Electric Motor Bearings	Automotive Constant Velocity Joints	Fan Bearings
Couplings	Automatic Lubricators	Gear Motors

PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES
Color		Blue
Thickener Type		Polyurea
NLGI Grade	ASTM D217	2, 1
Worked Penetration, 1/10th mm	ASTM D217	295
Base Oil Viscosity, cSt @ 40°C	ASTM D445	145
Base Oil Viscosity, cSt @ 100°C	ASTM D445	14.2
Base Oil Viscosity Index	ASTM D2270	95
Dropping Point, °F (°C)	ASTM D2265	500 (260)
4-Ball EP, Weld Point, kgf	ASTM D2596	400
4-Ball Wear, scar diameter, mm	ASTM D2266	0.5
Copper Corrosion, 24hr @ 100°C	ASTM D4048	1b
Rust Test, Distilled Water	ASTM D1743	Pass
Water Wash-Out, % Loss @ 175°F	ASTM D1264	< 5.0
Oil Separation, %	ASTM D1742	< 2.0
Tackiness Index, Work/Elongation	Hydrotex	10/3

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

LIMITED WARRANTY

For warranty information, please visit
https://www.whitmores.com/resources/limited-warranty or scan the QR code.

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