

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
Couplings

Automotive Constant Velocity Joints
Automatic Lubricators

Fan Bearings
Gear Motors

PRODUCT ATTRIBUTE	TEST METHOD	TYPICAL PROPERTIES
Color		Blue
Thickener Type		Polyurea
NLGI Grade	ASTM D217	2, 1
Worked Penetration, 1/10 th 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

WARRANTY:

When properly stored and used in accordance with instructions, any material not satisfactory will be replaced with any product in our line on a dollar for dollar basis provided the account is paid in full when due and Hydrotex is notified in writing within 12 months of the date of the order by the customer.

Hydrotex® is a manufacturer and distributor of high performance lubricant and fuel improver solutions. As an employee owned company, we help our customers develop sustainable solutions designed to improve system reliability, save energy, limit pollution, extend fixed asset life, reduce maintenance costs and improve fuel efficiency. Our products and services leverage over 80 years of innovation resulting in superior lubrication solutions and high touch customer service.