

TDS: (Technical Data Sheet)



Global Multipurpose Extreme Pressure Grease:

Global GMEPG 2/M is a barium complex grease made of complex soap thickened grease. It provides high resistance to oxidation, superior anticorrosive capacity, E.P. characteristics, good adherence to metal and good resistance to water, and resistance to vapor, acid and alkaline solutions.

Special Features & Benefits:

GMEPG Barium Complex Grease 2/M is specially designed for high speed bearings which operate in a wet ambience. It is also specially designed for spindles, cams, joints, lubrication of drawing system in spinning machine's upper and lower roller, tension, cardan shafts and Electric motors etc.

Technical Characteristics:

General Characteristics		
Color		Light Brown/Amber
Thickener, soap type		Barium complex
Base oil nature		Mineral
Penetration at 25°C	(AST D-217)	265-295
Drop point	(ASTM D-566)	Min. 220° C
4 Balls test		Max. 0,40mm
Wear scar diameter 1'70 kg	(IP-239)	
Oil separation 7 days/40°C	(IP-121)	Max. 3%
NLGI Class	(DIN-51818)	2
Worked penetration	(ASTM D-217)	265-295x0.1 mm
Worked penetration 1	(ASTM D-217)	Max.+35x0.1 mm
Flow pressure at -40°C	(DIN 51805)	Max.850 mbar
4 balls test	(IP-239)	Min. 320 kg
Welding load		mix. 0.50 mm
Wear scar diameter 1'40kg		
EMCOR corrosion test	(DIN-51802)	Degree 0
Copper corrosion 24hrs/100°C	(ASTM D-4048)	Max. I b
Oxidation stability, 100°C	(ASTM D-942)	Max. 0,15 kg/cm
Resistance to water wash-out, 80°C	(ASTM D-1264)	Max. 1,50%
Evaporation loss, weight%, 22hrs/100°C	(ASTM D-972)	Max. 0,80%
Speed Factor n x dm approx.		500,000
Application temperature		-40 to 150°C
Speed value		106

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