



EXTREME PRESSURE 2 MOLYBDENUM AND TACKIFIER GREASE (EP-2 MT)

DESCRIPTION

EP-2 MT grease is a premium, state-of-the-art lithium complex grease. This multipurpose, heavy-duty lithium complex grease has a high dropping point in excess of 260°C(500°F), which ensures good retention where high temperatures are encountered. EP-2 MT has been formulated with a special additive of polymer and Molybdenum Disulphide package which ensures high film strength, extreme pressure (EP) and anti-wear properties. Its high viscosity, high quality virgin base fluids provides excellent natural film strength, as well as outstanding water resistance, water spray-off and wet roll stability required in steel mill, cement plants and quarry applications.

APPLICATION

- EP-2 MT on high temperature, relative medium-to-low speed and where presence of water plus excellent good adhesion on bearings is a concern.
- Multi-purpose, heavy-duty grease for lubricating bearings and joints in heavy industrial machineries.
- Mining, cement plant and off-road heavy machineries: Lubricating and protects bearings from wear and corrosion.

PERFORMANCE

Meets or exceeds:

- NLGI GC-LB

ADVANTAGES

- Lithium Complex grease has higher temperature stability and dropping point than simple Lithium greases.
- EP-2 MT comes with extreme pressure additives (EP) to withstand high temperatures and excessive loading.
- It is packed with rust preventives and anti-oxidants (RO) for extra stability for both under storage and extreme service conditions.
- EP-2 MT has high film strength, tacky that ensures good adhesion properties to metals.
- Good resistance to water washout.
- High quality virgin base oil provides excellent natural oxidation inhibition for storage and high temperature application.
- Heavy base oil (410- 510cSt) for high temperature load carrying applications.
- Good mobility for easy pumpability, even for distanced auto-lubrication systems.

TYPICAL PHYSICAL CHARACTERISTICS

Property	Unit	EP-2 MT Grease	Method
NLGI Grade			ASTM 60 Strokes @ 25°C tenths of a millimetre
Colour		Moly Grey	Visual
Texture		Smooth and Tacky	-
Work Penetration		265 - 295	D-217 60 strokes
Dropping Point	°C	260 (500°F)	D-2265
Water Washout (Max)	%	10.0	D-1264
Water Spray Off (Max)	%	25	D-4049
Rust Prevention		Pass	D-1743
Copper Corrosion		1b	D-4048
Oxidation Stability	Psi	10	D-942
Oil Separation		4 Ball Wear	D-1742
Scar Dia(Max)		0.60	D-2266
4 Ball EP Weld Point	kg	315	D-2596
Load Wear Index	kgf	45	D-2596
Timken OK Load	kg	27.2 (60lbs)	D-2509
Base Oil Characteristics:			
Base Oil Viscosity D-445 @40°C	cSt	410-510	D 445
Base Oil Viscosity D-445 @100°C	cSt	20-30	D445
Working Temperature (up to)	°C	182	-

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