

Description

Max Synguard EP 1500 Grease is a super-premium synthetic grease formulated with a high-viscosity synthetic base fluid and a lithium complex soap thickener. The wax-free synthetic base oil delivers excellent low-temperature mobility and pumpability, while its low coefficient of traction ensures superior lubrication performance. This advanced formulation helps reduce friction, lower operating temperatures, and improve energy efficiency in heavily loaded bearing applications.

Max Synguard EP 1500 Grease is an NLGI 2 grade lithium complex grease formulated with an exceptionally high ISO VG 1500 synthetic base oil. It is specifically designed for plain and rolling element bearings operating at extremely slow speeds, under heavy loads and high temperatures. The high-viscosity synthetic base oil also makes this grease suitable for open gear applications.

Performance Features & Benefits

Slow-Speed, Heavy-Load Protection

Outstanding protection for slow-speed, heavily loaded bearings.

Excellent Corrosion Protection

Excellent corrosion protection for bearings and metal surfaces.

Water Stability

Superior structural stability in the presence of water.

Reduced Energy Consumption

Reduced energy consumption due to a low coefficient of traction.

Extended Relubrication Intervals

Extended relubrication intervals.

Low Volatility

Low volatility for long service life.

Lead, Chlorine & Nitrite Free

Formulated free of lead, chlorine, and nitrites.

Applications

Max Synguard EP 1500 Grease is recommended for:

- Plain and rolling element bearings operating at extremely slow speeds
- Heavily loaded bearings operating at high temperatures
- Open gear applications

Recommended operating temperature range: -20°C to +180°C

Product Advantages

- Super-premium synthetic grease
- Lithium complex soap thickener
- ISO VG 1500 synthetic base oil
- Wax-free base oil for low-temperature mobility and pumpability
- Low coefficient of traction reduces friction and energy use
- Extended relubrication intervals
- Superior structural stability in the presence of water
- Low volatility for long service life
- Lead, chlorine, and nitrite free

TYPICAL PHYSICAL CHARACTERISTICS

PROPERTIES	UNIT	METHOD	Max Synguard EP 1500 Grease
NLGI Grade	-	ASTM D217	2
Soap Type	-	-	Lithium Complex
Colour	-	Visual	White
Penetration, Worked	0.1 mm	ASTM D217	325
Dropping Point	°C	ASTM D2265	250
Viscosity of Oil @ 40°C	mm ² /s	ASTM D445	1500
Viscosity of Oil @ 100°C	mm ² /s	ASTM D445	100
4-Ball Wear, Scar	mm	ASTM D2266	0.6
4-Ball Weld	kgf	ASTM D2596	250

The values shown are typical characteristics and may vary within normal manufacturing tolerances.

Health and Safety

Max Synguard EP 1500 Grease is a high-quality synthetic grease intended for industrial applications. Under normal operating conditions and when handled in accordance with recommended practices, the product is not expected to present significant health or safety hazards.

Avoid prolonged or repeated skin contact and prevent contact with eyes. Wear appropriate personal protective equipment (PPE), including protective gloves and safety glasses, when handling the product. Ensure good housekeeping practices to prevent slips caused by grease spills.

Store in tightly closed containers in a cool, dry, and well-ventilated area away from direct sunlight, excessive heat, and incompatible materials. Prevent product from entering drains, waterways, or soil.

For detailed information regarding safe handling, storage, transportation, and disposal, refer to the latest Safety Data Sheet (SDS) for Max Synguard EP 1500 Grease.