Max Multipurpose EP 223

High-Performance Lithium-Based Multipurpose Extreme Pressure Grease

Description

Max Multipurpose EP 223 is a premium-quality lithium-based multipurpose extreme pressure (EP) grease developed by MAXFLUID for industrial, automotive, construction, agricultural, and marine applications. Formulated with highly refined high viscosity index mineral base oils, a lithium hydroxystearate thickener, and advanced extreme pressure, anti-wear, oxidation, and corrosion inhibitors, Max Multipurpose EP 223 delivers reliable lubrication and long-lasting protection under heavy loads, shock loading, and wet operating conditions.

Designed for both rolling element and plain bearings, Max Multipurpose EP 223 provides excellent mechanical stability, water resistance, and oxidation performance, making it suitable for a wide variety of heavy-duty lubrication applications.

Performance Features & Benefits

Outstanding Load Carrying Capacity
Advanced extreme pressure additives form a durable lubricating film that protects bearings and moving components against heavy loads, shock loading, and metal-to-metal contact.

Excellent Mechanical Stability
Maintains grease consistency under vibration and prolonged service, minimizing leakage while ensuring dependable lubrication.

Good Water Resistance
Provides excellent resistance to water washout, maintaining lubrication performance in wet and humid operating environments.

Superior Oxidation Stability
High-quality base oils and oxidation inhibitors resist grease degradation, extending service life and reducing deposit formation during high-temperature operation.

Reliable Corrosion Protection
Protects bearings and metal surfaces against rust and corrosion, even where moisture or water contamination is present.

Applications

Max Multipurpose EP 223 is recommended for:

- Rolling element bearings
- Plain bearings
- Electric motor bearings
- Industrial machinery
- Construction equipment
- Agricultural machinery
- Mining equipment
- Automotive wheel bearings
- Chassis lubrication
- Conveyors
- Pumps
- Marine deck equipment
- General-purpose industrial lubrication

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Product Advantages

- Excellent extreme pressure performance
- Outstanding load-carrying capability
- Suitable for rolling and plain bearings
- Excellent mechanical stability
- Good water resistance
- Superior oxidation stability
- Excellent rust and corrosion protection
- Long service life
- Multipurpose industrial and marine grease
- Helps reduce maintenance costs and equipment downtime

TYPICAL PHYSICAL CHARACTERISTICS

PROPERTIES	UNIT	METHOD	Max Multipurpose EP 223
NLGI Consistency	-	-	3
Soap Type	-	-	Lithium
Base Oil	-	-	Mineral
Kinematic Viscosity @ 40°C	cSt	ASTM D445	220
Kinematic Viscosity @ 100°C	cSt	ASTM D445	19
Cone Penetration, Worked @ 25°C	0.1 mm	ASTM D217	265-295
Dropping Point	°C	ASTM D2265	280
Four Ball Weld Load	Kg	ASTM D2596	315

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

Health and Safety

Max Multipurpose EP 223 is a high-quality lithium-based multipurpose extreme pressure grease intended for industrial, automotive, agricultural, construction, and marine 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, please refer to the latest Safety Data Sheet (SDS) for Max Multipurpose EP 223.

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