

Description

Max Multipurpose EP 320 is a premium-quality calcium-based extreme pressure (EP) grease developed by MAXFLUID for demanding industrial and marine applications operating under heavy loads and wet conditions. Formulated with highly refined mineral base oils and advanced extreme pressure additives, Max Multipurpose EP 320 provides outstanding resistance to water washout, excellent adhesion, and reliable protection against wear, corrosion, and shock loading.

Its smooth-textured formulation is specifically designed for equipment exposed to moisture, saltwater, and severe operating environments, making it an ideal choice for marine deck machinery, stern tube bearings, wire ropes, and open gear lubrication.

Performance Features & Benefits

Excellent Water Resistance

Maintains an effective lubricating film even in wet operating conditions, providing outstanding resistance to water washout and helping protect components against corrosion.

Superior Extreme Pressure Protection

Advanced EP additives protect heavily loaded surfaces against wear, scuffing, and shock loading, extending component service life.

Outstanding Adhesion

Forms a durable lubricating film that adheres firmly to metal surfaces, reducing lubricant loss and ensuring continuous protection.

Corrosion and Rust Protection

Protects metal components against rust and corrosion caused by moisture, seawater, and humid operating environments.

Reliable Mechanical Stability

Maintains grease consistency during prolonged service, ensuring dependable lubrication under continuous operation.

Applications

Max Multipurpose EP 320 is recommended for:

- Stern tube bearings
- Plain bearings operating under heavy loads
- Marine cranes
- Winches
- Windlasses
- Davits
- Wire ropes
- Open gears
- Deck machinery
- Industrial equipment operating in wet or corrosive environments

Note: Max Multipurpose EP 320 is primarily intended for plain bearings and open lubrication systems. It is not recommended for high-speed rolling element bearings unless specifically approved by the equipment manufacturer.

Product Advantages

- Excellent water resistance
- Superior extreme pressure performance
- Outstanding load-carrying capability
- Strong adhesion to metal surfaces
- Excellent rust and corrosion protection
- Good mechanical stability
- Suitable for severe marine environments
- Reliable protection under heavy loads
- Helps reduce wear and maintenance costs

TYPICAL PHYSICAL CHARACTERISTICS

PROPERTIES	UNIT	METHOD	Max Multipurpose EP 320
NLGI Consistency	-	-	2
Color	-	-	Brown
Soap Type	-	-	Calcium
Base Oil Type	-	-	Mineral Oil
Kinematic Viscosity @ 40°C	cSt	ASTM D445	320
Kinematic Viscosity @ 100°C	cSt	ASTM D445	16.5

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

Health and Safety

Max Multipurpose EP 320 is a high-quality calcium-based extreme pressure grease intended for industrial 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 320.