

Opt-Max Lithium EP 1

High Performance Multipurpose Grease

Opt-Max Lithium EP 1 is a lithium-based, multi-purpose grease designed to deliver excellent protection and performance in a variety of industrial and automotive applications.

Product Description

Opt-Max Lithium EP 1 is a heavy-duty, multipurpose lithium-based grease, designed for use in a wide range of industrial and automotive applications. It is formulated with high-quality mineral base oils and advanced additive technology, offering enhanced properties such as excellent wear protection, resistance to water wash-out, high load carrying capacity, and effective corrosion protection. This grease is ideal for moderate to high load conditions, ensuring reliable performance in diverse environments.

Features and Benefits

- Excellent extreme pressure (EP) protection, making it ideal for heavy and shock load conditions.
- Excellent anti-corrosion and anti-oxidation properties, ensuring long-lasting performance in harsh environments.
- Outstanding water resistance, maintaining consistency even when exposed to high amounts of water.
- Exceptional thermal stability, it retains its texture after cooling to ambient temperature, ensuring reliable performance.
- Its strong adhesive properties allow for longer re-lubrication intervals, reducing maintenance frequency and downtime.

Applications

- Suitable for use in bearings and rotating machinery in industrial and automotive applications.
- Ideal for lubrication of components operating under heavy and shock load conditions.
- Perfect for applications exposed to high humidity or water, such as marine equipment and construction machinery.
- Suitable for high-temperature environments, including gearboxes and electric motors.
- Recommended for use in equipment that requires longer re-lubrication intervals to reduce maintenance efforts.

Opt-Max Global Pte Ltd

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Specifications

Product Properties		Opt-Max Lithium EP1	Testing Methods
Kinematic Viscosity (40°C)	mm ² /s	220	ASTM D445
Kinematic Viscosity (100°C)	mm ² /s	20	ASTM D445
Dropping point	°C	175	ASTM D217
Four Ball Weld Load	Kg	320	ASTM D2596

* Above product properties are indicative and subject to change without prior notice

Storage and Handling

- All storage equipment, tanks, pipes, valves and etc. apparatus have to be cleaned thoroughly and inspected to be clean for use before transferring or transporting Opt-Max Lithium EP 1.
- Opt-Max Lithium EP 1 must be stored in dedicated storage tanks/equipment and it is recommended to be stored in an indoor controlled environment.
- Storage tanks/equipment must be waterproof, mist-proof and free from other mechanical particles.
- Opt-Max Lithium EP 1 must be clearly labelled properly during the entire transportation process to prevent the risk of mixing with other petrochemical product.

Health and Safety

Opt-Max Lithium EP 1 is unlikely to present any significant health or safety hazard when properly used in the recommended application. This product must always be handled with care, particularly avoiding skin contact. For further guidance on Product Health & Safety refer to the appropriate Opt-Max Lithium EP 1 Material Safety Data Sheet.

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