

Product Description

SEAOIL EXTREME PRESSURE GREASE is a high-performance lithium-based multipurpose grease formulated using high-quality mineral base oils and advanced extreme pressure (EP), anti-wear, oxidation, and corrosion inhibitor additives designed to provide reliable protection under severe operating conditions.

The formulation provides excellent resistance against wear, oxidation, rust, corrosion, shock loading, and water contamination while maintaining stable grease structure and lubrication performance during operation. It is engineered to support long service life, bearing durability, and dependable protection in medium to heavily loaded mechanical equipment.

SEAOIL EXTREME PRESSURE GREASE is suitable for automotive, industrial, agricultural, and general mechanical applications requiring multipurpose EP grease performance across a wide operating temperature range.

Specification and Requirements

- NLGI 2
- NLGI 3

Product Sizes

☒ 180 kg ☒ 15 kg ☒ 500 g

Main Applications



- Bearings and gears operating under medium to heavy load conditions requiring extreme pressure grease protection
- Automotive chassis lubrication points including ball joints and wheel bearings
- Industrial and agricultural equipment requiring multipurpose EP grease
- Mechanical equipment operating under shock-loading and contaminated environments
- Applications operating within temperature ranges of approximately -20°C to +120°C

Performance Benefits

- **Excellent Extreme Pressure Protection.** Provides reliable protection against wear, scuffing, and metal-to-metal contact under heavy load conditions.
- **Good Oxidation and Thermal Stability.** Maintains grease stability and lubrication performance during elevated temperature operation.
- **Water and Corrosion Resistance.** Protects lubricated components against water contamination, rust, and corrosive wear.
- **Stable Mechanical Performance.** Maintains grease consistency and structural stability during prolonged operation and mechanical working.
- **Multipurpose Application Capability.** Suitable for a wide range of automotive, industrial, and general equipment lubrication applications.

Test Physical Characteristics

Test Parameter	Test Parameter	Specification	
NLGI Grade		2	3
Grease Type		Extreme Pressure	Extreme Pressure
Appearance	Visual	Smooth, puce, buttery	Smooth, puce, buttery
Base Fluid Type		Mineral	Mineral
Thickener		Lithium	Lithium
Worked Penetration (60 Strokes), 0.1 mm	ASTM D217	277	236
Prolonged Penetration (100000 Strokes), 0.1mm	ASTM D217	305	282
Dropping Point, °C	ASTM D566	190	192
Oil Separation (100°C, 24h) , (wt)	ASTM D6184	2.5	0.2
Kinematic viscosity, cSt @ 100°C	ASTM D445	9-12	9-12
Copper corrosion, T2 copper strip, 24h @100°C,	ASTM D4048	Pass	Pass

Health and Safety

Based on available information, this product is unlikely to produce any significant hazard on health when used for the recommended application provided in the Material Safety Data Sheet (MSDS). Guidance on Health and Safety is available on the appropriate Material Safety and Data Sheet, which can be obtained from <http://www.seaoil.com.ph>

Environment

Bring used oil to a permitted container and place. Do not throw it into the drain or soil.