



Unoba® EP

Unoba EP is a multipurpose, extreme-pressure lithium grease developed for use in a wide variety of industrial and automotive applications. It is a versatile, general-purpose grease for use in applications where operating temperatures and loads are moderate.

Unoba EP is manufactured with high-quality naphthenic base oils, a lithium 12-hydroxystearate soap thickener, antiwear and extreme-pressure additives, and rust and oxidation inhibitors. It has good load-carrying capacity for protection against wear, good oxidation resistance for long service life, protects metal parts against rust and corrosion, and is resistant to water washout. It has good resistance to structural breakdown and will not soften excessively during high-speed operation in rolling-element bearings. It forms a good seal to help minimize bearing contamination.

Unoba EP is available in multiple grades for use in a wide variety of applications. It is an excellent grease for use in centralized lube systems. The semifluid grades may be used in enclosed industrial gearboxes where oil leakage is a problem.

Applications

- Plain and rolling-element bearings in compressors, fans, centrifugal pumps and other industrial equipment where operating temperatures and loads are moderate
- Chassis parts, universal joints and water pumps on passenger cars, light trucks and other mobile equipment
- Track rollers, commercial lawn mowers, crushers and vibrating screens (semifluid grades)
- Underground mining machinery and other enclosed gearboxes where oil leakage is a problem (semifluid grades)
- Wheel bearings of passenger cars equipped with drum brakes
- Centralized grease lubrication systems
- General-purpose shop/industrial grease

Features/Benefits

- Multipurpose grease for use in a wide variety of applications
- Good extreme-pressure and antiwear properties
- Good shear stability
- Good oxidation resistance
- Protects against rust and corrosion
- Resists water washout
- Suitable for use in centralized lube systems

**Multipurpose,
Extreme-Pressure
Lithium Grease**

Customer Service
Number:
1-714-556-0808

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Intraoil.com



Unoba® EP

Typical Properties

NLGI Grade	00	0	1	2
Thickener	Lithium	Lithium	Lithium	Lithium
Color	Green	Green	Green	Green
Dropping Point, °C (°F)	—	177 (350)	177 (350)	177 (350)
Density, lbs/gal	7.36	7.39	7.42	7.47
Penetration, Worked (60 strokes), ASTM D217	400-430	355-385	310-340	265-295
Texture	Semifluid	Soft-Smooth	Smooth	Smooth
Oxidation Stability, ASTM D942, 100 hours, Pressure Drop, psi (kPa)	5 (35)	5 (35)	5 (35)	5(35)
Rust Prevention, ASTM D1743	Pass	Pass	Pass	Pass
Timken OK Load, ASTM D2509, lb	45	50	50	50
Base Oil Properties:				
Viscosity,				
cSt @ 40°C	175	142	142	142
cSt @ 100°C	13.5	13.2	13.2	13.2
SUS @ 100°F	935	750	750	750
SUS @ 210°F	74	73	73	73
Viscosity Index	60	85	85	85
Usable Temperature Range,				
°C	-21 to 107	-18 to 121	-18 to 124	-18 to 143
°F	-5 to 225	0 to 250	0 to 255	0 to 290

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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