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Extended Bearing Life (EBL) Grease

Kendall® Extended Bearing Life (EBL) Grease is a semifluid, extreme-pressure polyurea grease specially developed for the lubrication of wheel bearings on non-driven truck trailer axles equipped with oil seals. It is formulated to help optimize service intervals and reduce operating costs by providing effective lubrication and cooling of wheel bearings exposed to the prolonged high operating temperatures of over-the-road applications.

EBL Grease is manufactured with high-quality base oils and a non-soap, polyurea thickener. It is fortified with extreme-pressure additives and rust and oxidation inhibitors to provide excellent wear protection, protection against rust and corrosion, and long service life. It has excellent thermal stability at high temperatures and excellent pumpability at low temperatures for use over a wide range of operating temperatures. It has excellent compatibility with elastomer seals and is resistant to water washout.

Applications

- Wheel bearings of non-driven trailer axles equipped with oil seals⁽¹⁾

⁽¹⁾ **Note:** EBL Grease is formulated to provide long service life, typically coinciding with scheduled brake service. However, we recommend that you refer to the "Preventive Maintenance Inspection (PMI) Guidelines" published by the Technology and Maintenance Council (TMC) of the American Trucking Association for relubrication practices. This document provides the following general guidelines for relubrication of wheel bearings in over-the-road trucks:

"A" PM – 60 days or 25,000 miles

"B" PM – 180 days or 50,000 miles

"C" PM – 360 days or 100,000 miles

Features/Benefits

- Excellent oxidation resistance and thermal stability at high temperatures
- Excellent pumpability at low temperatures
- Good load-carrying capacity
- Protects against rust and corrosion
- Resists water washout
- Excellent seal compatibility
- Formulated for extended service life

**Semifluid,
Extreme-Pressure
Polyurea Grease
For Non-Driven
Trailer Axle
Wheel Bearings**

CONTACT INFORMATION

Phillips66
Lubricants.com

U.S. Customer
Service:
1-800-368-7128

Technical Hotline:
1-877-445-9198

International
Customer Service:
1-832-765-2500

E-mail address:
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p66.com**

Extended Bearing Life (EBL) Grease

Typical Properties

NLGI Grade	00	0
Thickener	Polyurea	Polyurea
Color	Light Green	Light Green
Dropping Point, °C (°F)	—	204 (400)
Density, lbs/gal	7.35	7.35
Penetration, Worked (60 strokes), ASTM D217	400-430	355-385
Texture	Semifluid	Soft-Smooth
Four-Ball Wear, ASTM D2266, Scar Diameter, mm	0.40	0.40
Oxidation Stability, ASTM D942, 100 hours,		
Pressure Drop, psi (kPa)	5 (35)	5 (35)
Timken OK Load, ASTM D2509, lb	40	40
Base Oil Properties:		
Viscosity,		
cSt @ 40°C	110	110
cSt @ 100°C	12.0	12.0
SUS @ 100°F	575	575
SUS @ 210°F	68	68
Viscosity Index	98	98
Operating Temperature Range,		
°C	-29 to 149	-29 to 149
°F	-20 to 300	-20 to 300

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3apps.phillips66.com/NetMSDS>.