

Versatile Bearing EP

Waterproof, High Temperature Lithium Complex Grease

Versatile Bearing EP2 is waterproof, extra high performance multi-purpose grease intended for a large variety of applications. It is based on a blend of high viscosity index mineral oils, a lithium complex soap thickener, specially selected lead free extreme pressure additives, rust and oxidation inhibitors plus a tackiness agent.

Summary of Benefits

- Excellent anti-wear and EP performance that is important for reducing wear rates and achieving a high load-carrying capability even under conditions of high sliding and moderate shock loading, thus extending the equipment life.
- The superior resistance to water wash out assures correct lubrication even in the most severe water exposure conditions.
- It has excellent adhesion and cohesion properties in order to reduce leakages and extend re-lubrication intervals.
- In all operating conditions it has an excellent rust and corrosion resistance.
- The superior oxidation and high thermal stability extends the grease life and enhance bearing protection in high temperature applications.
- It has good pump ability and low-high temperature performance.

Operating Temperature Range

Usable temperature range in continuous service is -25 to 170°C . Maximum temperature for short term exposure is 220°C

Product Code: 9009

Product Size: 450g, 500g, 2.5 kg, 20kg



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Applications

Versatile Bearing EP2 is recommended for automotive, industrial, mining, earthmoving and marine applications such as wheel bearings subjected to high temperatures and load caused by repeated and high speed braking in particular on disc brakes, chassis, high speed ball and roller bearings, pre-packed and sealed for life bearings in several heavy industries, boat trailer wheel bearings, water pumps, winches, etc. **Versatile Bearing EP2** may be used where either soap based or clay based greases are recommended, particularly if rationalisation of grease types is required.

Typical Characteristics:

NLGI	2
Soap Type	Lithium Complex
Penetration @ 25°C	0
Unworked	270
Worked 60 Strokes	275
Worked 100,000 Strokes, Change (%)	>10
Roll Stability, Prevention Change (%)	>10
Dropping Point (°C)	>260
Water Washable @ 80°C (%)	3.5
Wheel Bearing Leakage (g)	65
Packed. 163°C (g)	1.5
Oxidation Stability, Pressure Drop	
@ 100hr (k Pa)	15
@ 500hr (k Pa)	70

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Typical Characteristics contd.

Oil Separation 24hr @ 25°C (k Pa)	2
Timken, OK Load (kg)	23
4-Ball EP Weld Point (kg/f)	350
4-Ball Wear Scar (mm)	0.48
Mineral Oil Viscosity (cSt @ 40°C)	190
Rust Prevention Rating	Pass
Colour	Blue
Appearance	Tacky

*Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications and do not constitute a legal liability.

Storage:

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C.

Health, Safety and Environment

A Material Safety Data Sheet (MSDS) is available for each product. Users should consult the MSDS, and follow the precautions outlined and comply with all laws and regulations concerning its use and disposal. Used packaging material should not be incinerated or exposed to flame. After use, protect your environment. Do not pollute drains, soil or water with used product.

The Materials Safety Data Sheet is available at Royal Precision Lubricants by email:
info@royallubricants.com.au.