



# Black Pearl® EP

## Industrial & Automotive Grease

Product Data Sheet



### Customer benefits

#### Chevron Black Pearl EP delivers value through:

**Excellent pumpability** – Viscosity measurements at grease pump shear rates show this grease will pump easily.

**High load capacity** – As a result of high film strength and overall EP performance, shock load protection and low wear are ensured. Especially suited for roller bearings

**Corrosion protection** – Pass the modified ASTM D 1743 Bearing Rust Test.

**Water resistance** – Product provides exceptional water wash out results. Performs well in applications where cascading water or actual bearing submergence can occur.

**Excellent adhesion** – This grease stay in place and continue lubricating under most operating conditions.

**Enhanced lubricant life** in storage and in use due to an effective antioxidant additive.

### Applications

Chevron Black Pearl EP is recommended for general lubrication service in both automotive and industrial applications. Other uses are in Construction and Agricultural equipment

#### Typical industrial applications can include:

- Antifriction bearings, low and high speed journal bearings, roller and needle bearings
- Shaker or classifier screen bearings
- General machinery lubrication
- Conveyors and run out rolls
- Electric motor bearings (cylindrical roller bearings)
- Exhaust fan bearings
- Crusher bearings
- Pump bearings
- Presses

### Product features:

- **Chevron Black Pearl EP** is a multipurpose, extreme pressure, water-resistant grease. It is formulated with highly refined base stock, a polyurea thickener, and rust and oxidation inhibitors.
- It is black in color and smooth and buttery in texture. Does not contain solid lubricants such as molybdenum disulfide or graphite.

A Chevron company product



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**Typical automotive applications can include:**

- All chassis points including ball joints and universal joints
- Wheel bearings
- Water pumps
- Fifth wheels
- Steering system bearings
- King pins

Usable temperature range in continuous service is:

- NLGI 2 : -40 to 177°C

**Performance standards**

- Registered with NSF International (H2)
- NLGI Certification Mark GC-LB.

continued

## Typical test data

BLACK PEARL® EP	RESULTS
<b>Typical Shelf Life: 48 months from date of filling indicated on the product label*</b>	
<b>NLGI Grade</b>	<b>2</b>
<b>Product Code</b>	<b>540909</b>
<b>Dropping Point, °C</b>	270
<b>Oil Viscosity,</b>	
mm <sup>2</sup> /s @ 40°C	145
mm <sup>2</sup> /s @ 100°C	14.4
<b>Penetration, Worked @ 25°C</b>	280
<b>Thickener (polyurea complex), m %</b>	13.5
<b>Timken OK Load, kg</b>	31.7
<b>Four ball Weld-Point, kg</b>	500

\* Typical Shelf Life: (a) if stored under normal conditions and (b) can be extended after re-testing.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.

Produced by Chevron Global Lubricants: Africa, Middle East and Pakistan

Environment, Health and Safety Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit [www.caltexoils.com](http://www.caltexoils.com).

**For more information, go to [www.chevronlubricants.com](http://www.chevronlubricants.com)**

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