

Black Pearl® EP

Industrial & Automotive Grease



Product description

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.

Customer benefits and product features

Customer benefits

- **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

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Applications *continued*

- Pump bearings
- Presses

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

Product approvals, performance, and recommendations

Performance standards

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



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Typical test data

BLACK PEARL® EP	RESULT
NLGI Grade	2
Product Code	540909
Dropping Point, °C	270
ISO Viscosity Grade Base Oil Equivalent	150
Oil Viscosity,	
mm ² /s @ 40°C	145
mm ² /s @ 100°C	14.4
Penetration, Worked @ 25°C	280
Thickener (polyurea complex), m %	13.5
Timken OK Load, kg	31.7
Four Ball Weld Point, kg	500

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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 the [Product Information Center](#)

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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