



Ulti-Plex Synthetic EP

High Temperature Extreme Pressure Grease

Product Data Sheet

Customer benefits

Long bearing service life

Combination of a lithium complex thickener, oxidation inhibitor, and synthetic base oil provides resistance to hardening in service. EP additives provide outstanding wear protection under heavy and/or shock loads. Effective rust and corrosion inhibitors protect metal surfaces in wet conditions.

Wide temperature range application

The high viscosity index synthetic base oil resists thickening at low temperatures and enables use over a wide temperature range. The excellent oxidation stability of the base fluid components enables operation in continuous high temperature environments.

Protects against equipment failure

High viscosity index synthetic base oil and tackiness additive maintain oil viscosity and provide adhesive properties which prevent oil leakage in high speed and high temperature conditions.

Superior water resistance

Lithium complex thickener and tackiness additive produces excellent resistance to water washout.

Applications

Can include;

- Pulp and paper applications:
 - High temperature felt roll bearings
 - Lime kilns
 - Sludge press bearings
 - Pulp refiner bearings
 - Pump and exhaust fan bearings
 - Mining industry:
 - Conveyor bearings
 - Pins and bushings on buckets and loaders
 - Shaker screens
 - Crushers
 - Steel industry applications:
 - Roll bearings
 - Conveyor bearings
 - Furnace and coiler grease points
 - Pump and exhaust fan bearings
 - Marine:
 - Deck equipment
 - Shaft bearings
 - Crane and windlass winches
 - Water exposed bushings
- Usable temperature range in continuous service is -50 to 230°C.

Product features:

- **Ulti-Plex Synthetic EP** is a high performance, high temperature industrial and automotive EP grease specially formulated from synthetic base oil, lithium complex thickener, EP additives, a tackiness agent and special corrosion and oxidation inhibitors. For EP ball and roller bearing applications, especially in continuous high temperature service up to 230°C where conventional greases tend to harden, or low temperature conditions down to -30°C where conventional greases are no longer pumpable.

Typical key properties

ULTI-PLEX SYNTHETIC EP	
NLGI Grade	*1.5
Product Code	560888
Dropping Point, °C	280
Oil Viscosity	
mm ² /s @ 40°C	301.6
mm ² /s @ 100°C	31.7
Viscosity Index	145
Penetration, Worked @ 25°C	315
Thickener (Lithium Complex), m %	13
Timken OK Load, kg	23

1505

Performance standards

Registered with NSF International (H2)

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.chevronlubricants.com

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 Lubricants
– Asia Pacific