



Hytex[®] EP 2 LF

High performance long-service (lifetime) multi-purpose grease

Product description

Hytex EP 2 LF is a high performance long-service multi-purpose grease, formulated for use in ball and roller bearings operating under high temperature situations, and offers long-term (lifetime) lubrication under extreme operating conditions.

Hytex EP 2 LF is formulated with a mineral base and temperature resistant lithium complex soap thickener in combination with robust extreme pressure additives, anti-wear, anti-corrosion and anti-oxidation stability agents. Hytex EP 2 LF is mechanically stable and well suited to contribute to bearing lubrication under conditions where strong vibrations are present.

Customer benefits

- Laboratory/field-proven long-term (lifetime) lubrication performance in extreme and wide temperature operations
- Mechanically stable and well suited to contribute to the lubrication of bearings which are subject to strong vibrations
- Assists long-term corrosion protection in the presence of water or aggressive atmospheres
- Dependable sealing properties help protect against dust, dirt and water ingress
- High thermal resistance assists with high temperature equipment protection
- High pressure load capacity helps long-term wear resistance
- Robust film strength and strong adhesive performance contributes to long-term component protection

Product highlights

- **Long-term (lifetime) lubrication performance**
- **Laboratory and field-proven**
- **Wide temperature protection**
- **Contributes to wear, rust, corrosion and oxidation resistance**

Selected specification standards include:

Daimler Benz

MAN

SKF

Volvo

Applications

- Hytex EP 2 LF is used for lubricating machines, units and components which are subjected to high thermal and mechanical loads over a long service life (or lifetime)
- Typical applications include: automobile wheel bearings and generators, clutch thrust bearings, brake cylinders, fan bearings, electric motors, kiln cars, rollers in drying plants, paper machines, washing and dishwashing machines, special do-it-yourself machines and household appliances, agricultural applications, among others
- Hytex EP 2 LF has been tested in many applications involving extreme pressures, vibrations and impact stress, wet conditions, dust, and the presence of plastic seals. They largely cover the applications of conventional lithium, sodium, and calcium greases, as well as of aluminium and calcium complex greases. Care should be taken when changing the type of grease in application, please contact Chevron for advice.
- Because Hytex EP 2 LF is an NLGI 2.5 grease, increased efficiency is provided because Hytex EP 2 LF can be used for NLGI 2 applications like Starplex EP 2 or for NLGI 3 applications like Starplex EP 3

Approvals, performance and recommendations

Approvals

- Daimler Benz 265.1
- MAN 284: high temperature grease Li-H2
- SKF
- Volvo Corporate Standard STD 1277,18
- Volvo Corporate Standard STD 1277,2

Performance

DIN 51 502	ISO 6743-09	Operating temperature
KP 2 P-20	ISO-L-XBDEB2	-20 up to 150 °C with frequent relubrication up to 200 °C for a short period

Typical test data		
Test	Test methods	Results
NLGI Grade		2.5
Product Code		000795
Appearance	Visual	Brown
Texture	Visual	Smooth
Thickener type	-	Lithium Complex
Base oil type	-	Mineral
Worked Penetration, 60x, mm/10	ISO 2137	250-265
Dropping Point, °C	DIN ISO 2176	>260
Emcor corrosion test, distilled	DIN 51 802	Pass
Copper corrosion at 24hrs/120°C	DIN 51 811	1
Four ball Wear, method E, mm	DIN 51 51350/5	<2.0
Four ball EP, N	DIN 51350/4	>2600

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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