



Marfak EP 2

Proven performance extreme pressure calcium grease

(Previously known as Novatex EP 2)

Product description

Marfak EP 2 is a proven performance water resistant extreme pressure calcium-12-hydroxystearate grease, designed to offer effective bearing protection in high pressure, high temperature applications in wet environments.

Marfak EP 2 is formulated with a high viscosity mineral base oil combined with extreme pressure, anti-wear and anti-corrosion additives, and calcium soap to assist in reliable water resistance.

Customer benefits

- Advanced additive combination offers extreme pressure protection
- Designed to provide good oxidation and corrosion resistance
- Formulated to protect bearings and other components across a wide temperature range
- Offers effective water resistance through advanced calcium soap formulation

Product highlights

- Offers extreme pressure protection
- Designed to provide good oxidation resistance
- Formulated to protect across a wide temperature range
- Offers effective water resistance

Selected specification standards include:

DIN	Hoesch Rothe Erde
ISO	

Applications

- Calcium greases outperforms lithium greases in keeping the grease in place under severe applications, in wet and corrosive environments. They are suitable for marine, Fishing, agriculture, construction, off road and heavy-duty industrial applications.
- Marfak EP 2 is specifically recommended for the lubrication of plain and roller bearings of steel and paper mill equipment which operate at temperatures up to +130°C.
- Marfak EP 2 is also recommended for other industrial applications where an extreme pressure grease having effective water resistance is required. It is particularly good under heavy water-washing conditions where extreme pressure properties must be maintained.
- Marfak EP 2 can be used for the same applications as Multifak EP 2, when no specific approvals are required.

Approvals, performance and suitable for use

Approvals

- Hoesch Rothe Erde (Novatex EP 2)

Performance

	DIN 51 502	ISO 6743-09	Operating temperature
Marfak EP 2	KP 2 K-30	ISO-L-XC(F)CIB2	-30°C up to 130°C

Suitable for Use

- POM, HDPE, Perbunan and Viton and all plastic parts used by Hoesch Rothe Erde up to 70°C
- The seals (Perbunan, Viton) have been tested for 168h at 70°C, the distance keepers (POM,HDPE) 24 weeks at 70°C

Product maintenance and handling

Maintaining a clean work environment is critical when equipment greasing is performed. Grease fittings should be wiped clean prior to grease injection to prevent contaminants from entering the equipment. Bearing housings should be maintained one-third to one-half full of grease. Over-greasing should be avoided as excessive heat build-up can result. Periodic relubrication via grease gun or centralized system should be supplemented by complete cleaning and packing with fresh grease on an appropriate schedule.

Avoid Any spillage of used and unused product to the environment.

Product residue and package/container should be disposed of in dedicated collection points.

Typical test data		
Test	Test Methods	Results
NLGI grade		2
Typical Shelf Life: 36 months from date of filling indicated on the product label		
Thickener Type		Anhydrous Calcium
Texture		Smooth
Color	Visual	Yellow-brown
Base Oil Type		Mineral
Base Oil Viscosity at 40°C, mm ² /s	ASTM D7152	220
Penetration worked, 60 strokes, mm/10	DIN ISO 2137	277
Dropping Point, °C	DIN ISO 2176	152
Four Ball Weld Load, N	DIN 51350/1,4	3400

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

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When disposing of used product, take care to protect the environment and follow local legislation.

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