



Marfak Na EP 2

Proven performance stern tube grease

(Previously known as Marfak HD 2)

Product description

Marfak Na EP 2 is a proven performance fibrous sodium thickened grease, designed as a stern tube grease. It is also suitable for lubrication of roller and friction bearings and closed gearboxes.

Marfak Na EP 2 is formulated with a sodium thickener designed to help provide inherent protection against rust due to its ability to emulsify small amounts of water and offers component protection by forming a seal against contaminants such as dust.

Customer benefits

- Good film strength contributes to effective wear protection.
- Offers resistance against rust and dirt ingress.
- Formulated to emulsify small amounts of water.
- Designed to help provide inherent rust protection.

Product highlights

- **Formulated to contribute to effective wear protection.**
- **Designed for rust and dirt resistance.**
- **Helps emulsify small amounts of water.**
- **Helps provide inherent rust protection.**

Selected specification standards include:

DIN

ISO

Applications

- Marfak NA EP 2 is a stern tube grease. It is also suitable for lubrication of roller and friction bearings and closed gearboxes.
- Marfak Na EP 2 is primarily used as an assembly aid for needle bearings. Previously, it was widely used for wheel bearing lubrication. Today, most equipment manufacturers require a premium, high temperature extreme pressure grease like the modern Starplex or Rykon greases.

Warning: be aware of the compatibility with other thickeners.

Approvals, performance and suitable for use

Performance

- DIN 51 502: K 2 M-20
- ISO 6743-09: ISO-L-XB(F)CBA 2
- Operating temperature: -30°C up to +120°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.

Typical test data		
Test	Test Methods	Results
Typical Shelf Life: 36 months from date of filling indicated on the product label		
Appearance	Visual	Brown, smooth, fibrous
NLGI grade	ASTM D217 mod	2
Penetration worked, mm/10	ISO 2137	265-295
Thickener type		Sodium
Base oil type		Mineral
Base oil viscosity at 40°C, mm ² /s (pure base oil mix)	ASTM D445	170
Dropping Point, °C	IP 396	>160
Emcor corrosion test distilled water	IP 220	0/0
Water resistance static	DIN 51807/1	3/90

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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