



Marfak Na XD 1

Proven performance sodium soap grease

(Previously known as Marfak 1)

Product description

Marfak Na XD 1 is a proven performance fibrous sodium thickened grease designed to lubricate plain and slow speed anti-friction bearings, providing a tough durable film, good adhesion and cohesion.

Marfak Na XD 1 is based on a sodium thickener, designed to help provide inherent rust protection by emulsifying small amounts of water, with good sealing properties.

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 for effective adhesion and good film strength.**
- **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 XD 1 is used to lubricate plain and slow speed anti-friction bearings. It provides a tough durable film, good adhesion and cohesion, and resists pounding out in service.
- Marfak Na XD 1 is recommended for general chassis lubrication. It may be used for plain or ball and roller bearing lubrication under slow or medium speed conditions.
- Marfak Na XD 1 is recommended for chassis lubrications for certain types of passenger cars, trucks, buses, farm and construction systems when such type of Sodium grease is requested. Today for the same applications other more modern greases are used.

Warning: be aware of the compatibility with other thickeners.

Approvals, performance and suitable for use

Performance

	DIN 51 502	ISO 6743-09	Operating temperature
Marfak Na XD 1	K 1 H-20	ISO-L-XBBAA 1	-20°C up to +95°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	Dark green, smooth, fibrous
NLGI grade	ASTM D217 mod	1
Penetration worked, mm/10	ISO 2137	310 - 340
Thickener type		Sodium
Base oil type		Mineral
Base oil viscosity at 40°C, mm ² /s (base oil mix+polymers)	ASTM D445	1100
Dropping Point, °C	IP 396	NA
Emcor corrosion test distilled water	IP 220	0/0

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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