



# Multifak HM 2

## Efficient performance multipurpose lithium grease

(Previously known as Multifak 142)

### Product description

Multifak HM 2 is an efficient performance lithium grease, designed for use in a range of bearings applications, centralised lubrication systems, and as a general industrial and automotive grease.

Multifak HM 2 is formulated with ISO 110 mineral base oils, combined with oxidation and corrosion inhibitors, and anti-wear additives. It is a mechanically stable grease and is easily pumpable due to its smooth structure.

### Customer benefits

- Formulated for good oxidation resistance and mechanical stability to help prevent in-service grease degradation and hardening.
- Advanced rust and corrosion inhibitors contribute to ferrous component protection under wet operating conditions.
- Designed for good performance in applications with wide temperature ranges and where water washout is possible.

### Product highlights

- **Formulated for good oxidation resistance and mechanical stability.**
- **Advanced rust and corrosion inhibition.**
- **Designed for wide temperature ranges and wet conditions.**

#### Selected specification standards include:

Deutsches Institut für Bautechnik DIBt Z-12.3-6	DIN
ISO	NEDRI SPANSTAAL BV Venlo Holland

### Applications

- Medium and slow speed industrial plain and rolling bearings.
- Electric motor bearings
- Lubrication of high-speed ball- and roller bearings
- Centralized lubrication systems
- General industrial and automotive grease applications where sliding speeds are moderate and heavy EP characteristics are not required.
- Lubrication of contractor- and agricultural machines
- Anti-corrosion grease

### Approvals, performance and suitable for use

#### Approvals

Multifak HM 2 is approved by;

- NEDRI SPANSTAAL BV Venlo Holland
- Deutsches Institut für Bautechnik DIBt Z-12.3-6

#### Performance

- DIN 51502: K 2 K-30
- ISO 6743-09: ISO-L-XC(F)CIA2
- Operating temperature: -30°C up to 120°C, in centralized lube systems for a short period of time, max 150°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
<b>Typical Shelf Life: 36 months from date of filling indicated on the product label</b>		
Color	Visual	Light brown
NLGI grade	DIN 51 818	2
Thickener Type		Lithium
Penetration worked, 60x, mm/10	ISO 2137	265-295
Dropping point, °C	ISO 2176	180
Base oil viscosity at 40°C, mm <sup>2</sup> /s	DIN 51 562	120
Base oil type		mineral
Water resistance static, 90°C	DIN 51 807	0/90
Four Ball Weld point, N	DIN 51 350/4	2000
Four Ball Wear, Scar diameter, 1 min/1000N, mm	DIN 51 350/5	0.5
Emcor corrosion test distilled water	DIN 51 802	0/0
Copper corrosion 24h/120°C	DIN 51 811	1

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).

**Disclaimer: Data provided in this Product Data Sheet (PDS) is based on standard tests under laboratory conditions and is indicative only. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Neither Chevron nor its subsidiaries (i) make any warranty or representation as to the accuracy or completeness of this PDS; and/or (ii) accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.**

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

Safety Data Sheets (SDS's) are available for all Chevron products. If you require a SDS or any further information regarding a Chevron product, please contact your local sales office or see [www.texacolubricants.com](http://www.texacolubricants.com).

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