



Multifak HM 3

Efficient performance lithium grease

(Previously known as Multifak Premium 3)

Product description

Multifak HM 3 is an efficient performance lithium grease designed for use in a range of bearing applications, centralised lubrication systems and a wide range of general industrial and automotive applications.

Multifak HM 3 is formulated with a highly refined ISO 120 mineral base oil, combined with oxidation and corrosion inhibitors and anti-wear additives.

Customer benefits

- Good oxidation resistance and mechanical stability contributes to increased grease service life.
- Advanced rust and corrosion inhibitors help promote protection in ferrous components and reduce maintenance downtime.
- Wide temperature capability aids effective lubrication under varying climatic conditions.
- Formulated for water wash-out resistance to offer protection under wet operating conditions.

Product highlights

- **Good oxidation resistance and mechanical stability.**
- **Advanced rust and corrosion inhibitors help reduce maintenance downtime.**
- **Wide temperature capability.**
- **Formulated for water wash-out resistance.**

Selected specification standards include:

DIN

ISO

Applications

- Medium and slow speed industrial plain and rolling bearings.
- Electric motor bearings.
- Railroad freight car journal roller bearings.
- Pre-packed industrial bearings.
- Centralized lubrication systems.
- Wide range of industrial and automotive uses where sliding speeds are moderate and heavy EP characteristics are not required.

Approvals, performance and suitable for use

Performance

- DIN 51502: K 3K-30
- ISO 6743-09: ISO-L-XCCFA3
- Operating temperature: -30°C up to 120°C with centralized lubrication systems for short periods up to 130°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
Typical Shelf Life: 36 months from date of filling indicated on the product label		
Color	Visual	Yellow-brown
NLGI grade	DIN 51 818	3
Thickener Type		Lithium
Penetration worked, 60x, mm/10	ISO 2137	231
Dropping point, °C	ISO 2176	202
Base oil viscosity at 40°C, mm ² /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	0.39
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).

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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.

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