



# Multifak<sup>®</sup> AFB 2

## Efficient performance lithium grease

Product Data Sheet

### Product description

Multifak AFB 2 is an efficient performance lithium grease formulated for use in a range of ball and roller bearing applications in electric motors and equipment such as fans, saws and spindles operating at up to 200.000 DN.

Formulated with a highly refined ISO 46 mineral base oil and proven oxidation and corrosion inhibitor additives with a lithium thickener, Multifak AFB 2 provides reliable protection.

### Customer benefits

- Shear stable thickener technology reduces gearcase leakage
- Oxidation protection extends grease service life and service intervals
- Water wash-out resistance protects against wear and corrosion under wet conditions
- Rust and corrosion inhibitors optimise protection and performance in wet environments
- Balanced lithium and base oil formulation ensures good pumpability in manual and centralised circulating systems
- Low temperature fluidity improves energy efficiency and bearing life

### Applications

- Medium and high speed industrial ball and roller bearings
- Electric motor bearings
- Ball and roller bearings operating at low temperatures
- Pre-packed industrial bearings
- Centralised lubrication systems
- General industrial grease applications where sliding speeds are moderate to high, loads are moderate, and EP characteristics are not required

### Product highlights:

- Robust lithium grease
- Operates at up to 200.000 DN
- Resists water wash-out
- Selected specification standards include:
  - GE Specification D-6AC5

A Chevron company product

All trademarks are property owned by Chevron Intellectual Property LLC.



## Approvals and performance specifications

### Performance specifications

- Multifak AFB 2 meets the requirements of GE Specification D-6AC5

	DIN 51 502	ISO 6743-09	OPERATING TEMPERATURE
Multifak AFB 2	K 2K-40	ISO-LXDCEA 2	-40°C up to 120°C with short periods up to 145°C

### Typical test data

MULTIFAK AFB 2 TEST	TEST METHODS	RESULTS
NLGI Grade	DIN 51 818	2
Product Code		540839
Soap type	DIN 51 814	Lithium-12-hydroxistearate
Soap content, %	-	8
Colour	Visual	Amber
Texture	Visual	Smooth
Dropping Point, °C	ISO 2176	Min. 195
Oil type	-	Mineral
Base oil viscosity at 40 °C, mm <sup>2</sup> /s	DIN 51 562	46
Base oil viscosity at 100 °C, mm <sup>2</sup> /s	DIN 51 562	7.3
Penetration unworked, 0.1mm	ISO 2137	265-295
Penetration worked, 0.1 mm	ISO 2137	265-295
Copper Corrosion 24h/100 °C	DIN 51 811	1

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.



# Multifak® AFB 2

Efficient performance lithium grease

*continued*

**Disclaimer** Chevron accepts no liability for any loss or damage suffered as a result of using this product for any application other than applications specifically stated in any Product Data Sheet's.

**Health, safety, storage and environmental** Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application and in accordance with the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS's are available upon request through your local sales office, or via the Internet. This product should not be used for purposes other than its intended use. When disposing of used product, take care to protect the environment and follow local legislation.

For more information, go to [www.chevronlubricants.com](http://www.chevronlubricants.com)

A Chevron company product  
All trademarks are property owned by Chevron Intellectual Property LLC.

MLTIFK AFB2/GULF/PDSv3\_08/07/2009  
© 2009 Chevron Limited. All Rights Reserved.