

Multifak[®] Moly EP 2

Multipurpose Moly EP Grease



Product description

Multifak Moly EP 2 is a dark grey, multipurpose EP grease primarily designed for construction, mining and agricultural equipment where an extra measure of protection in shock loading conditions is required.

Multifak Moly EP 2 contains a highly refined ISO VG 220 mineral base oil, lithium soap thickener, EP additives, rust and oxidation inhibitors, plus molybdenum disulfide as a solid film lubricant.

Customer benefits

Customer benefits

- **Protects metal surfaces**
The combination of EP additives and molybdenum disulfide solid film lubricant helps protect against component wear under high load conditions and/or shock loading. Rust and corrosion inhibitors helps protect metal surfaces in wet operating conditions. Even if by mistake insufficient grease is used, some molybdenum disulfide tends to stay in place and helps to protect metal surfaces.
- **Enhances service life**
Excellent oxidation resistance helps to enhance grease service life.
- **Ease of application**
Optimized flow properties provide suitable flow properties for auto grease pump application systems.
- **Reduces complexity**
Multipurpose capability allows use in a wide range of heavy-duty automotive and industrial applications, helping to reduce the number of different greases required and thus eliminate product misapplication.

Multifak[®] Moly EP 2

Multipurpose Moly EP Grease



Applications

- Automotive
- Construction
- Earthmoving, quarrying and mining
- Agricultural equipment
- Chassis grease point lubrication
- Pins, bushings and other sliding surface or pivot points
- Selective types of anti-friction bearings
- Ball joints
- Universal joints (U-joints)
- High and shock load applications

Approvals, performance and recommendations

	DIN 51 502	ISO 6743-09	Operating temperature
Multifak Moly EP 2	KPF 2K-30	ISO-L-XCCEB2	-30°C up to 120°C with short periods up to 140°C for a short period

Volvo Corporate Standard STD 1277,65 lubricating grease 97765

Service considerations

The inclusion of molybdenum disulfide provides an extra measure of protection under shock loading which is very common in construction, off-highway transport and agricultural usage. During heavy shock loading, the lubricant film between metal surfaces can be temporarily ruptured or squeezed out. Multifak Moly EP is designed so that some molybdenum disulfide stays in place as a solid film lubricant to help protect metal surfaces, even under extreme shock loading conditions, helping to prevent metal-to-metal contact which could cause component damage. The presence of molybdenum disulfide is also valuable in dirty environments, or when proper re-greasing intervals cannot be followed.

Multifak[®] Moly EP 2

Multipurpose Moly EP Grease



Typical test data

MULTIFAK MOLY EP 2	TEST METHOD	RESULTS
NLGI Grade		2
Product Code		510843
Soap type		Lithium
Color		Dark grey
Molybdenum Disulfide, m%		3
Thickener content, %		7.5
Dropping Point, °C	ASTM D566	195
Base Oil Viscosity, mm ² /s @ 40°C	ASTM D445	200
mm ² /s @ 100°C	ASTM D445	17.6
Corrosion Test	ASTM D1743	Pass
Copper Corrosion, 24 hrs @ 100°C	ASTM D4048	1b
Four Ball Weld Point, kgf	ASTM D2596	250
Timken OK Load, kg	ASTM D2509	18

Minor variations in product typical test data are to be expected in normal manufacturing

2205

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended. Produced by Chevron Global Lubricants: Asia Pacific.

ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

[Visit Product Information Center >](#)

Multifak[®] Moly EP 2/Asia Pacific/CHV/PDSv1_06/2024



A Chevron company product

© 2024 Chevron Products Company. Asia Pacific.
All Rights Reserved.