

Multifak EP 2 M3

formerly Molytex EP 2



Description

Multifak EP 2 M3 is a high performance extreme pressure multi-purpose lithium grease, formulated with a sheer stable lithium- 12-hydroxy-stearate soap. Multifak EP 2 M3 contains solid lubricant MoS₂ to contribute to good lubricity, high load carrying capability and assist seizure prevention under high load conditions. It is also formulated to help protect against corrosion, oxidation, softening in service, and offer robust assistance to water washout.

Multifak EP 2 M3 increases the life of propeller shafts by up to 30%, when compared with a standard lithium EP grease and is especially developed for use in constant-velocity joints. Multifak EP 2 M3 has been successfully used in constant velocity joints (CV-joints) in front wheel drive automobiles, universal joints (U-joints) and for chassis lubrication. The presence of Moly helps provide added shock protection. It is formulated to perform well in high load conditions and temperature extremes and help provide resistance to rust and water washout.

Typical Characteristics

NLGI Grade	2
MPID	219592
Type of soap	Lithium
Colour	Dark Grey
Concentration MoS ₂ , %wt	3
Penetration worked, 60x, mm/10	280
Dropping Point, °C	210
Base Oil Viscosity	
mm ² /s @ 40°C	200.0
mm ² /s @ 100°C	15.0
Emcor corrosion test, distilled, stage	0-0
Copper Corrosion, 24 hrs at 100°C	1B
Four Ball Wear, method E Scar diameter, mm	0.4
Four Ball Weld Load, N	>3600

Recommended Applications

Multifak EP 2 M3 is a multi-purpose grease suitable for wide range of applications. It can be applied to lubrication points found on dozers, scrapers, earthmovers, cranes, shovels, rollers, combines and cotton pickers. These lubrication points include most types of antifriction bearing arrangements from plain sleeve-types, to rolling element bearings, as well as bushings and other sliding surface or pivot points.

Working Temperature: -25°C up to 120°C with re-lubrication up to 140°C.

Multifak EP 2 M3 meets the requirements of:

- ✓ **DIN 51502** KPF2K-20
- ✓ **ISO 6743-9** L-XCCEB 2

Performance Benefits**1. Protects Metal Surfaces**

Effective EP additive and molybdenum disulfide solid film lubricant help protect against component wear under high load conditions and/or shock loading. Rust and corrosion inhibitors help protect metal surfaces in wet operating conditions. Even if insufficient grease is used, some molybdenum disulfide tends to stay in place and helps protect metal surfaces.

2. Enhances Service Life

Advanced oxidation resistance ensures enhanced grease service life.

4. Ease of Application

NLGI 2 grade provide suitable flow properties for grease pump application systems.

5. 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 eliminating product misapplication

Environment, Health and Safety

Information is available on this product in the Safety Data Sheet (SDS) 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 an SDS for this product visit chevronmarineproducts.com.



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