



MULTIPURPOSE GREASE MP 3

(Lithium Base Grease)

DESCRIPTION

PATROL OIL MULTIPURPOSE GREASE – MP is a series of high quality, lithium hydroxystearate grease, with oxidation and corrosion inhibitors, which help to ensure long service life of the grease and a high level of protection for ferrous surfaces. It is recommended for all grease lubricated parts in automotive applications. This grade is suitable for use in centralized greasing systems in service stations. It has excellent water resistant properties.

APPLICATIONS

This grease use in plain and rolling bearings of all types and in all kinds of machinery including electrical motors, machine tools, textile, paper making and wood working machines and construction equipment, where the continuous operating temperatures are within the specified limits.

This grease can be used at higher temperatures of up to 180°C for short duration or with frequent replacement. Continuous operating temperature range for these greases: -20 to 130°C.

PRODUCT BENEFITS

- Long service life.
- Good shear –stability and resistance to vibration
- Low friction torque.
- Resistant to wash off by water

RECOMMENDATIONS / SPECIFICATIONS

MEETS OR EXCEEDS

DIN 51502 KP1K/KP2K/KP3K/KP4K



TYPICAL TECHNICAL PROPERTIES

Thickener Type	Lithium
NLGI Classification	3
Texture	Smooth
Color, Visual	Pale Yellow
Dropping Point °C, ASTM D 566	190
Worked Penetration @25°C 60 strokes, ASTM D 217	220/250
Wheel Bearing leakage after 6hrs @ 110°C gms, ASTM D 1263	<2
Water washout resistance %wt, ASTM D 1264	< 5
Copper Strip Corrosion for 24hrs @100°C, ASTM D 4048	-ve
Four ball weld lead Kg, IP 239	-

Note: These characteristics are typical of current production. While future production will conform to PATROL's specification, variations in these characteristics may occur.

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request. This product should not be used for purposes other than its intended use. If disposing off used product, take care to protect the environment.