

## EMIRATES 1 MULTIPURPOSE GREASE – MP 2/3

### (Lithium Base Grease)

#### DESCRIPTION

**EMIRATES 1 MULTIPURPOSE GREASE – MP** is a series of high quality, lithium hydroxy stearate 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. The NLGI No.2 grade is suitable for use in centralized greasing systems in service stations. It has excellent water – resistant properties.

#### APPLICATIONS

These greases are for 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.

These greases 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.
- Good pump ability.
- Resistant to wash –off by water

#### Recommendations / Specifications

DIN 51502 KP1K/KP2K/KP3K/KP4K

## EMIRATES 1 MULTIPURPOSE GREASE – EP 2/3

### (Lithium Base Grease)

#### DESCRIPTION

**EMIRATES 1 MULTIPURPOSE GREASE – EP** is a series of high quality, lithium hydroxy stearate extreme pressure grease. It incorporates a lead free EP additive and is for use where surfaces are subjected to heavy or shock loading. It also contains oxidation and corrosion inhibitors, which help to ensure long service life of the grease and a high level of protection for ferrous surfaces.

#### APPLICATIONS

These greases are for use in plain and rolling bearing operating under severe conditions of shock loading 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. These greases 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.
- Low friction torque
- Resistant to wash –off by water
- High Load carrying capacity and low wear.
- Good pumpability
- High Load carrying capacity and low wear.
- Fully compatible with other Lithium greases

#### Recommendations / Specifications

DIN 51825 KP1K/KP2K/KP3K/KP4K

#### TYPICAL TECHNICAL PROPERTIES

EMIRATES 1	MULTIPURPOSE GREASE – MP		MULTIPURPOSE GREASE – EP	
Thickener Type	Lithium	Lithium	Lithium	Lithium
NLGI Classification	2	3	2	3
Texture	Smooth	Smooth	Smooth	Smooth
Color, Visual	Pale Yellow	Pale Yellow	Pale Yellow	Pale Yellow
Dropping Point °C, ASTM D 566	190	190	190	190
Worked Penetration @25°C 60 strokes, ASTM D 217	265/295	220/250	265/295	220/250
Wheel Bearing leakage after 6hrs @ 110°C gms, ASTM D 1263	<2	<2	<2	<2
Water washout resistance %wt, ASTM D 1264	< 5	< 5	< 5	< 5
Copper Strip Corrosion for 24hrs @100°C, ASTM D 4048	-ve	-ve	-ve	-ve

**Note:** The information on this Product Data Sheet is believed to be accurate and is typical of current production. Specifications are subject to change without notice. For additional queries, please contact Emirates 1 Technical Service Department.

**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). Safety Data Sheets available on request.

Four ball weld lead Kg, IP 239	-	-	<260	<260
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**Available Pack:** 400 g/500 g/1 kg/15 kg/180 kg

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