

# Octanial LITHIUM BASE GREASE EP-2

## Description and Application

**Octanial LITHIUM BASE GREASE EP2** is a series of high quality; lithium hydroxyl separates 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

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

## Main Benefits:

- Long service life.
- Low friction torque
- Good pump ability
- Resistant to wash –off by water
- Good shear –stability and resistance to vibration.
- High Load carrying capacity and low wear.
- Fully compatible with other Lithium greases

**Performance level: DIN 51825 KP1K/KP2K/KP3K/KP4K**

## Typical Characteristics

Sr. No	Test Parameters	Test Method	Typical
	Thickener Type		<b>Lithium</b>
1)	NLGI Classification		<b>2</b>
2)	Texture		<b>Smooth</b>
3)	Color	Visual	<b>Pale Yellow</b>
4)	Dropping Point °C	ASTM D 566	<b>190</b>
5)	Worked Penetration @25°C 60 strokes	ASTM D 217	<b>265/295</b>
6)	Wheel Bearing leakage after 6hrs @ 110°C gms	ASTM D 1263	<b>&lt;2</b>
7)	Water washout resistance %wt	ASTM D 1264	<b>&lt; 5</b>
8)	Copper Strip Corrosion for 24hrs @100°C	ASTM D 4048	<b>-ve</b>
9)	Four ball weld lead Kg	IP 239	<b>&lt;260</b>

Note: the information contained herein is subject to change without notification. Typical Properties may vary slightly.

**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 through your sales contract office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment

