

# MOL-CALPLEX SY 462

## Product Description:

**MOL-CALPLEX SY 462** It is a high performance grease with a complex composition of synthetic PAO (Polyalpha olefin) base oils and calcium sulfonate. It has excellent water resistance, corrosion resistance, high mechanical stability, excellent performance at high and low temperatures. This grease, which has very high thermal stability, has a point above 300°C. However, when it returns to ambient temperature, it returns to its original structure. It has excellent load resistance thanks to its extreme pressure and wear feature. Thanks to its water resistance, it does not lose its consistency even if a large amount of water is mixed into its structure, it is resistant to corrosion and oxidation even in sea water.

## Features:

- Excellent resistance to oxidation.
- It provides the most optimum lubrication at high temperatures.
- Excellent mechanical resistance.
- It is extremely resistant to rust.
- It has high resistance to washing with water..

## Applications:

**MOL-CALPLEX SY 462** can be used at medium and low speeds in high temperature, heavy load conditions, aqueous or corrosive environments. Roller beds, paper industry (wet and dry areas), cement factories, agriculture, mining, iron and steel, heavy industry, marine and port equipment, rollers, trowels, industrial equipment, static beds, crushers and grinders, all kinds of chassis, stupid. It can be used for axle, rod and similar automotive applications and all kinds of bearing lubrication. The operating temperature range is between -35°C and +200°C.

## Storage and Packing Conditions:

- Should be stored sealed under normal storage conditions. Shelf life in original package and at room temperature is 3 years.
- Available in 16 KG Pails and 175 KG Drums.

## Human Health and Work Safety:

- Normal safety precautions (gloves and safety goggles) Should be employed
- Avoid eye and prolonged skin contact.
- Wash thoroughly after handling material.
- Don't discharge used oil in drains, dispose to an authorized used oil collection poin.
- For more information, please see the Material Safety Data Sheet (MSDS).

## Physical and Chemical Conditions:

<b>MOL-CALPLEX SY 462</b>	<b>Method</b>	<b>Value</b>
<b>Appearance</b>	Visual	Beige
<b>Base Oil Type</b>	-	PAO
<b>Base Oil Viscosity @ 40°C</b>	ASTM D 445	460
<b>Thickener Type</b>	-	Calcium Sulfonate Complex
<b>Penetration (1/10 mm)</b>	ASTM D 217	265 – 280
<b>NLGI No</b>	-	2
<b>Dropping Point, °C</b>	ASTM D 2265	>300
<b>Bearing Rust Test @ 52°C</b>	ASTM D 1743	pass