



Description

ZAP Grease CALPLEX Yellow is a new generation multi-purpose, heavy duty, very tacky and extra water resistant lubricating grease based on an anhydrous calcium soap thickener and a high viscosity synthetic and mineral base oils blend. Due to very viscous base oils and special polymers, the grease shows superior adhesion and stay-in-place properties. Additional formulated additives deliver excellent oxidation stability, rust and corrosion prevention, very high AW/EP performance to the grease.

Application

ZAP Grease CALPLEX Yellow is a very viscous and tacky extreme pressure grease particularly suitable for lubrication of heavy duty transport, agricultural, forestry, mining, marine and construction equipment / vehicle, where outstanding stay-in-place and water resistance properties are required. The anhydrous calcium thickener and high viscosity base oils composition makes the product suitable for the lubrication of extremely loaded bearings, exposed to vibration, operating in dirt and dusty environments as well as in the presence of severe water contamination.

Operating temperature range: -30°C to 110°C
(temporary up to 120°C)

Technical Specifications

ISO 6743-9: ISO-L- XCCIB 2
DIN 51 502: KP2G-30

Product data

Stock No. Z-23
Packages: 400 g Pull-Off Cartridge
24 Cartridges per Box
50 Boxes per Pallet
Barcode Cartridge / Box: 4752134000857 / 4752134000864
Other Packages on Request
Shelf Life: 5+ years (from date of manufacture)

Technical data

Characteristics	Test Method	Unit	Typical Value
NLGI grade	ASTM D 217	-	2
Thickener		-	Anhydrous Calcium
Base Oil		-	Mineral & Synthetic Blend
Base Oil Viscosity at 40°C		mm ² /s	1000
Colour	Visual	-	Fluorescent Yellow
Appearance	Visual	-	Smooth, Homogenous
Cone Penetration, Worked	ISO 2137	1/10 mm	265 – 295
Dropping Point	ISO 2176	$^{\circ}\text{C}$	>145
Dynamic Rust Test, EMCOR	ISO 11007	Rated	0-0 Distilled Water
Water Resistance Test	DIN 51807-1	-	0-90 Typical
Four-Ball Weld Load	ASTM D2596	kgf	245
Operating Temperature Range		$^{\circ}\text{C}$	-30°C to 110°C (120°C)

Above characteristics are mean values given as information for guidance purposes only.

No warranty expressed or implied is given concerning the accuracy of the information or the suitability of the product

Performance Features

- Excellent Water Resistance**
Protects lubricated points in the presence of severe water contamination. Resistant against water wash-out
- Very Good Mechanical Stability**
Resistant to softening which ensures against leakage. Retains consistency under extreme pressure
- High Load Carrying Capacity**
Contains extreme pressure additives, which enables it to withstand heavy and shock loads without failure of the lubricant film
- Protection against rust and corrosion**
Protects metal parts from rust and corrosion. Extends equipment life.
- Superior Adhesion properties**
Special polymer additives ensure outstanding stay-in-place properties providing longer re-lubrication intervals
- Low Temperature Performance**
Reliable lubrication and very good pump-ability at low temperatures down to -30°C
- Wide Range of Applications**
A truly versatile grease, easy distinguished by a fluorescent yellow, transparent appearance