



## Description

ZAP Grease Ca Green 2 is a multi-purpose and a water resistant lubricating grease based on a calcium soap thickener and a high quality mineral base oil. The grease ensures a very good water resistance, very fine lubricity and pump-ability, rust and corrosion protection, protects equipment against wear.

## Application

ZAP Grease Ca Green 2 is a water resistant grease suitable for lubrication of lightly loaded automotive and industrial equipment, where water and dust contamination is significant and high durability and efficiency is required.

Use ZAP Grease Ca Green 2 for the lubrication of joints and other lubrication points in agricultural, off-road, and construction equipment operating in a presence of water and dust contamination within the given temperature limits.

The grease is a costs effective lubrication solution for not demanding plain and rolling element bearings, low speed and lightly loaded applications like water pumps, joints, hinges, screws, chain drives operating in ambient temperature.

Operating temperature range:  $-25^{\circ}\text{C}$  to  $60^{\circ}\text{C}$

## Product data

Stock No. Z-32 / Z-32.1 / Z-32.3

400 g Pull-Off Cartridge / 18 kg Keg / 180 kg Drum

24 Cartridges per Box

50 Boxes per Pallet / 33 Kegs per Pallet / 4 Drums per Pallet

Barcode Cartridge / Box: 4752134001212 / 4752134001229

Barcode 18 kg Keg / 180 kg Drum:

4752134001236 / 4752134001243

Shelf Life: 5+ years (from date of manufacture)

## Performance Features

- **Very Good Water Resistance**  
Protects lubricated points and metal surfaces in the presence of water contamination.
- **Good Mechanical Stability**  
Ensures that the grease stays in place. Doesn't liquefy within the given temperature limits
- **Very Good Lubricity and Wear protection**  
Very fine lubricity in lightly loaded applications, protects equipment against wear
- **Protection against rust and corrosion**  
Protects metal parts against rust and corrosion, even in the presence of water
- **Low Temperature Performance**  
Reliable lubrication and very good pump-ability at low temperatures down to  $-25^{\circ}\text{C}$
- **Wide Range of Applications**  
A multi-purpose and costs effective Grease

## Technical Specifications

ISO 6743-9: ISO-L- XBAHA 2

DIN 51 502: K2C-25

## Technical data

Characteristics	Test Method	Unit	Typical Value
NLGI grade	ASTM D 217	-	2
Thickener		-	Calcium Soap
Base Oil		-	Mineral
Base Oil Viscosity at $40^{\circ}\text{C}$		mm <sup>2</sup> /s	46
Colour	Visual	-	Green
Appearance	Visual	-	Smooth, Homogenous
Cone Penetration, Worked	ISO 2137	1/10 mm	265 – 295
Dropping Point	ISO 2176	$^{\circ}\text{C}$	>90
Oil Separation	IP 121	wt. %	3 (42h at $40^{\circ}\text{C}$ )
Corrosive Effects on Copper	ASTM D4048	5h at $70^{\circ}\text{C}$	max 1
Water Resistance Test	DIN 51807-1	at $40^{\circ}\text{C}$	max 0-40
Water Washout Test	ISO 11009	wt. % loss	max 10 (at $40^{\circ}\text{C}$ )
Operating Temperature Range		$^{\circ}\text{C}$	$-25^{\circ}\text{C}$ to $60^{\circ}\text{C}$

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