



Description

ZAP Grease RED is a high performance lubricating grease based on a mixed lithium-calcium soap thickener system and a severely hydro-treated mineral base oil of medium high viscosity. The grease contains corrosion inhibitors, anti-oxidants, and EP/AW additives.

Application

ZAP Grease RED is specially developed for applications where grease is required to support exceptional heavy loads and protection against water wash-out is very important. It is suitable for industrial equipment and heavy-duty vehicles in on-road, off-road, marine, mining, construction, agriculture and forestry applications where equipment is exposed to severe water contamination. Operating temperature range from -20 to 120°C (temporary up to 140°C).

Product data

Stock No. Z-1 / Z-1.1 / Z-1.3
 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:
 4752134000017 / 4752134000024
 Barcode 18 kg Keg / 180 kg Drum:
 4752134000116 / 4752134000123
 Shelf Life: 5+ years (from date of manufacture)

Technical data

Characteristics	Test Method	Unit	Typical Value
NLGI grade	ASTM D 217	-	2
Thickener		-	Lithium-Calcium
Base Oil Viscosity at 40°C		mm ² /s	220
Colour	Visual	-	Red
Appearance	Visual	-	Smooth, Homogenous
Cone Penetration, Worked	ISO 2137	1/10 mm	280
Dropping Point	ISO 2176	°C	180
Low Temp. Flow Pressure	DIN 51 805	Mbar	1400 at -20°C
Dynamic Rust Test, EMCOR	ISO 11007	Rated	0-0 Distilled Water
Water Resistance Test	DIN 51 807-1	Rated	1-90 (3 hrs at 90°C)
Four Ball Weld Load	ASTM D2596	kgf	322 (1770 rpm; 10s, 27°C)

Above characteristics are mean values given as an information.

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

Performance Features

- Exceptional Water Resistance**
 The thickener structure offers high levels of resistance to water wash-out and water spray-off
- Very Good Extreme Pressure & Anti-wear Performance**
 A special thickener system provides to withstand heavy and shock loads without failure of the lubricant film.
- Excellent Mechanical Stability and High Shear Resistance**
 This is particularly important where poor mechanical stability can lead to grease softening and leakage
- Good Adhesive Properties**
 Ensures that the grease stays in place for longer re-lubrication intervals
- Wide Range of Applications**
 A truly versatile Grease

Technical Specifications

ISO 6743-9: ISO-L-XBCHB 2
 DIN 51 502: KP2K-20

