



Description

ZAP Grease COMPLEX Red is a high temperature, extreme pressure lubricating grease based on a lithium complex thickener and severely hydro-treated base oils. The lithium complex thickener makes the product suitable for applications within a wide temperature range, in high loads and in the presence of water. Specially formulated AW/EP additives deliver the right balance of performance characteristics.

Application

ZAP Grease COMPLEX Red is a durable multi-purpose grease suitable for a wide range of applications: from off-road and construction vehicles to heavy duty, agricultural and forestry machinery. Lithium Complex thickener is formulated with high performance additives which makes it the right grease for the lubrication of industrial equipment, especially at elevated temperatures.

It is particularly suitable for the lubrication of various types of bearings including: taper, roller, slide and plain bearings as well as wheel bearings - even in environments where exposed to severe operating conditions.

Operating temperature range: -20°C to 140°C (temporary up to 160°C)

Product data

Stock No. Z-5 / Z-5.1 / Z-5.3
 Packages: 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:
 4752134000185 / 4752134000222
 Barcode 18 kg Keg / 180 kg Drum:
 4752134000192 / 4752134000208
 Shelf Life: 5+ years (from date of manufacture)

Technical data

Characteristics	Test Method	Unit	Typical Value
NLGI grade	ASTM D 217	-	2
Thickener		-	Lithium Complex
Base Oil Viscosity at 40°C		mm ² /s	165
Colour	Visual	-	Red
Appearance	Visual	-	Smooth, Homogenous
Cone Penetration, Worked	ISO 2137	1/10 mm	265 – 295
Dropping Point	ISO 2176	°C	>260
Dynamic Rust Test, EMCOR	ISO 11007	Rated	0-0 Distilled Water
Four-Ball Weld Load	ASTM D2596	kgf	320
Operating Temperature Range		°C	-20°C to 140°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

- Very Good Mechanical Stability**
Resistant to softening which ensures against leakage. Keeps lubrication performance under extreme pressure
- Excellent protection against rust and corrosion**
Has a strong affinity with metal and the ability to protect bearing surfaces against corrosion
- Very Reliable machinery protection**
Continuous lubrication of equipment even under high load and dusty/dirty conditions
- High Temperature Performance**
Lithium Complex thickener withstands higher temperatures than conventional lithium soap greases
- Resistant against water wash-out**
Has a great ability to stick to metal surfaces, which prevents water wash-out and spray-off
- Wide Range of Applications**
A truly multi-purpose grease, dyed Red for easy identification

Technical Specifications

ISO 6743-9: ISO-L-XBDHB 2
 DIN 51 502: KP2N-20

