



Description

ZAP Grease COMPLEX Green is an extremely high performance heavy duty grease with PTFE, which is suitable for premium lubrication of automotive and industrial equipment, within a wide temperature range. The grease contains a blend of the finest additives including PTFE, providing excellent protection of the lubricated parts against wear.

The product provides wonderful oxidation stability, rust and corrosion prevention, extremely high anti-wear properties under very high loads and/or shock loads as well as excellent water washout resistance.

Application

Use ZAP Grease COMPLEX Green for premium lubrication in a wide range of applications: automotive, marine, heavy-duty on-road and off-road vehicles used in construction and mining sectors, severe conditions in forestry and agricultural machinery.

It is particularly suitable for lubrication of bearings exposed to the most severe operating conditions in quarries, cement and steel production, paper & pellet mills, continuous casting in metalworking industry and various other heavily loaded and/or vibrated applications.

ZAP Grease COMPLEX Green is eminently suitable as a fifth wheel lubricant in transport applications.

It is also suitable for use in general lubrication of universal joints, axles, ball joints, chassis, bearings, pins, bushings, water pumps, etc.

Operating temperature range: -25°C to 160°C (temporary up to 180°C)

Product data

Stock No. Z-2 / Z-2.1 / Z-2.3
 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:
 4752134000154 / 4752134000215
 Barcode 18 kg Keg / 180 kg Drum:
 4752134000161 / 4752134000178
 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			Mineral
Base Oil Viscosity at 40°C		mm ² /s	220
Colour	Visual	-	Green
Appearance	Visual	-	Smooth, Homogenous
Cone Penetration, Worked	ISO 2137	1/10 mm	265 – 295
Dropping Point	ISO 2176	°C	>275
Dynamic Rust Test, EMCOR	ISO 11007	Rated	0-0 Distilled Water
Water Washout Test	DIN 11009		3% typical (79°C, wt.% loss)
Four-Ball Weld Load	ASTM D2596	kgf	500
Operating Temperature Range		°C	-25°C to 160°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 High Load Carrying Capacity**
Special lithium complex thickener blended with the finest additives including PTFE gives inherent extreme pressure properties, even in shock loaded applications: four-ball weld load 500 kgf
- **Very Good Mechanical Stability**
Resistant to softening and leakage, leading to longer re-lubrication intervals. Mechanical stability kept in the presence of water.
- **Protection against rust and corrosion**
Protects metal parts from rust and corrosion. Extends equipment life.
- **Wide Operating Temperature Range**
Excellent lubrication at high and low temperatures. Does not liquefy until >275°C
- **Contains PTFE**
Reduces friction between moving metal surfaces, lowers energy consumption. Improves water resistance properties
- **Stock Rationalization**
Extensive range of applications allowing grease stock rationalization and reduction of maintenance costs
- **Wide Range of Applications**
A truly multi-purpose grease, dyed Green distinguishing this very high performance grease

Technical Specifications

ISO 6743-9: ISO-L-XBEHB 2
 DIN 51 502: KPF2P-25

