



ZAP GREASE

CENTRAL

EP 0 VG 220 HT

Description

ZAP Grease CENTRAL EP 0 VG 220 HT is a lithium soap thickened semi-fluid lubricating grease based on a severely hydro-treated mineral base oil of medium high viscosity. The grease contains antioxidants, rust and corrosion inhibitors and EP/AW additives as well as water resistance and mechanical stability improvers.

Application

ZAP Grease CENTRAL EP 0 VG 220 HT is a high quality semi-fluid grease that can be used in both industrial and automotive applications where the operating temperature goes up to 140°C.

It is suitable for use in centralized lubrication systems applied in industry applications as well as trucks, off-road and agricultural equipment and chassis parts lubrication, where extreme pressure soft grease of NLGI 0 consistency is recommended.

This semi-fluid NLGI 0 grade Central grease is particularly recommended for the lubrication of enclosed gears and bearings in poorly sealed gear cases where conventional gear oils cannot be retained because of leakage.

Operating temperature range from -25 to 140°C

Technical Specifications

ISO 6743-9: ISO-L-XBCEB 0
DIN 51 502: KP0N-25

Product data

Stock No. Z-27.1 / Z-27.3
Packages: 18 kg Keg / 180 kg Drum
33 Kegs per Pallet / 4 Drums per Pallet
Barcode 18 kg Keg / 180 kg Drum:
4752134001069 / 4752134001076
Shelf Life: 5+ years (from date of manufacture)

Technical data

Performance Features

- **Good Mechanical Stability**
Forms a durable lubrication film thus protecting metal surfaces against wear
- **Excellent protection against rust and corrosion**
Has a strong affinity with metal and the ability to protect bearing surfaces against corrosion
- **Very Good Water Resistance**
Formulated to offer high level of resistance to water wash-out
- **High Load Carrying Capacity**
Contains extreme-pressure additives which enable them to withstand heavy loads
- **Very Good Oxidation Stability**
Specially selected medium high viscosity base oils have excellent oxidation resistance
- **Easy to Pump**
Excellent fluidity at low temperatures, down to -25°C
- **High Temperature Performance**
withstands higher temperatures and frequent temperature peaks than regular lithium soap greases
- **Extended Range of Applications**
A truly versatile soft grease, fortified with carefully balanced additives to extend the application range

Characteristics	Test Method	Unit	Typical Value
NLGI grade	ASTM D 217	-	0
Thickener		-	Lithium
Base Oil Viscosity at 40°C		mm ² /s	220
Colour	Visual	-	Yellow-to-brown
Appearance	Visual	-	Smooth, Homogenous
Cone Penetration, Worked	ISO 2137	1/10 mm	355 – 385
Cone Penetration, 10 000 cycles	ISO 2137	1/10 mm	< 30
Dropping Point	ISO 6299	°C	>180
Water Resistance Test	DIN 51 807-1	-	1-90 Typical
Dynamic Rust Test, EMCOR	ISO 11007-1	Rated	0-0 Distilled Water
Copper Corrosion Test	ASTM D4048	24h at 100°C	1B
Low Temperature Flow Pressure	DIN 51805	hPa at -20°C	< 1400
Four-Ball Weld Load	ASTM D2596	kgf	320
Operating Temperature Range		°C	-25°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