

**Z33**

HD MP Lithium Complex Grease

Zeuty Z33 is a pair of heavy duty multi-purpose greases based on high base oil viscosity and lithium complex thickener. The two grades are NLGI 2 and NLGI 00. These heavy-duty greases offer high load capability due to the heavy viscosity base stocks and synergistic combination of high quality additives. These greases offer excellent structural and oxidation stability and outstanding high resistance to water washout.

Zeuty Z33 use highly refined ISO 460 (@ 40 cSt) paraffinic base oil and specialty additives to satisfy the severe lubrication requirements of heavy machinery operating at high temperatures and extremely heavy loads. This grease will meet and exceed the industry standard NLGI GC-LB for use as a multipurpose automotive wheel bearing and chassis grease.

Zeuty Z33 contain high performance non-corrosive extreme-pressure additives, rust & oxidation inhibitors to provide excellent lubrication protection. These grease feature excellent thermal stability at high temperatures, and resistance to excessive dilution by water, assuring all-weather lubrication. These properties help the grease form an effective seal to help minimize bearing contamination and stay in-place while in service. These products have excellent mechanical stability which stop the grease from thinning or hardening in bearings thus minimizing leakage and maintaining extended service life. It also contains oxidation and corrosion inhibitors to minimize chemical deterioration over extended periods of storage and service. This protects steel and copper alloy bearings against rust and corrosion.

Features:

- Premium ISO VG 460 Base Oil
- Multi-purpose Lithium Complex Grease Thickener
- High Dropping Point, 280 °C for the NLGI 2 grade
- Very Good Water Resistance
- Very Good Thermal & Oxidation Resistance
- Very Good Mechanical Stability

Benefits – This product provides:

- Wide operating temperature range
- Wide range of application and uses
- Very good load-carrying and Extreme Pressure (EP) properties
- Very good stability in high temperature applications
- Excellent protection for heavy duty bearing applications
- Very Long service life

Applications:

Zeuty Z33 greases have a very wide operating temperature range allowing for excellent high temperature protection. These products are recommended for high temperature, heavy duty greasing applications of bearings, rolling elements, anti-friction bearings, high temp wheel bearings/disc brakes, electric motor bearings, throw-out bearings, universal joints, fifth wheels and more. These products are excellent greases for slow to moderate speed bearing applications in the agricultural, automotive, construction, cement, industrial, marine, mining, oil & gas, paper and pulp, railroad, steel and trucking industries. These products will not harden or decompose under severe working conditions or at elevated temperatures, and do not easily soften in high temperature applications.

Packaging:

Zeuty Z33 is available in 16 kg HDPE pails and 180 kg steel drums.

Typical Properties:

Zeuty Z33 HD MP Lithium Complex Grease			
PROPERTY	TEST METHODS & TYPICAL VALUES		
THICKENER TYPE	LITHIUM COMPLEX		
COLOR	VISUAL	RED	
APPEARANCE	TACTILE	SMOOTH & BUTTERY	
NLGI GRADE		00	2
BASE OIL VISCOSITY, cSt @ 40 °C	ASTM D 445	460	460
WORKED PENETRATION AFTER 60 STROKES@ 25 °C, x 0.1 mm	ASTM D 217	400 - 430	265 - 295
DROPPING POINT, °C	ASTM D 2265	190	280
FOUR BALL WELD POINT, N	IP 239	5000	5000
WATER WASHOUT, % WT. LOSS (MAX.)	ASTM D 1264	1	1
SOLID LUBRICANTS		NONE	NONE
SERVICE TEMPERATURE, °C		-20 TO 180	-20 TO 180

Health and Safety:

Zeuty Specialty Lubricants are unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained. Use gloves which are impervious to oil and chemicals when handling used oils. Avoid skin contact. If lubricants come in contact with skin, wash immediately with soap and water.

Manufactured in Saudi Arabia for:



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