



# Z63

## High Performance Anti-Corrosion Grease

**Zeuty Z63** is a high-performance anti-corrosion grease which exhibits excellent film strength and outstanding water resistance even under corrosive saltwater environments. This new generation of environmentally friendly and superior performance, heavy-duty grease has the unique ability to sink and stay under water. It has the ability to absorb water without losing thickener consistency.

**Zeuty Z63** is the result of years of research and development to create the latest technology of an exclusive, high performance over-based calcium sulfonate complex thickener. It is complete with high viscosity base oils, and a select combination of polymer additives. This formulation creates excellent mechanical stability and long lasting adhesion to the metal surfaces, preventing wipe off. This gives the product exceptional lubricity, high load carrying capability, optimal EP properties, thermal stability, rust protection, and excellent water washout resistance.

**Zeuty Z63** does not contain any of the following harmful additives: antimony, barium, chlorine, lead, copper, graphite, phosphorus, sulfur or zinc; thereby, significantly reducing the risk of environmental contamination, making it an optimal choice for marine applications among many other very severe applications in mining, oil fields, loggings, etc. Although this reduces the risk for contamination, it is not biodegradable.

### Features:

- **Advanced Calcium Sulfonate Complex thickener technology**
- **Environment-friendly performance additive package**
- **High Viscosity Base Oils**
- **Water Resistant and Tacky**
- **Balanced Timken & Weld Load for a superior EP performance**
- **Outstanding Mechanical Stability**
- **High Drop Point – Suitable for high temperature application**
- **Excellent rust protection properties**
- **Contains no Heavy Metals or other harmful additives**
- **Does not float on water**

### Benefits:

- **Forms strong film on metal surface and protects equipment from rust and corrosion**
- **Superior protection under both Shock loading and Running conditions**
- **Prevents grease breakdown even in presence of water**
- **Does not drip out under running conditions**
- **Protects equipment from rusting under wet and water ingress conditions**
- **Environmentally responsible and helps protects water stream.**

**Applications:**

**Zeuty Z63** is a special grease designed for equipment operating in environmentally sensitive areas where grease contamination is possible. Such environmentally sensitive areas include open bodies of water. Typical equipment applications are water condensate pumps, water valves, water-immersed joints and bearings. This product is highly recommended for marine, slipways, oil fields, mining, shipyards, drilling, ports, and water treatment applications but will perform virtually in all industrial applications, especially where high temperature, water ingress, and corrosive environments. It can be used as an external coating for wire rope applications.

**Packaging:**

**Zeuty Z63** is available in 5 kg, 16 kg HDPE pails and 400 gram cartridges.

**Typical Properties:**

Zeuty Z63 High Performance Anti-Corrosion Grease		
PROPERTY	TEST METHODS & TYPICAL DATA	
NLGI GRADE	2	
THICKENER TYPE	CALCIUM SULFONATE COMPLEX	
COLOR	VISUAL	BLUE
BASE OIL VISCOSITY, cSt @ 40° C	ASTM D 445	460
BASE OIL VISCOSITY, cSt @ 100° C	ASTM D 445	30.2
BASE OIL VISCOSITY INDEX		> 94
DROPPING POINT, °C	ASTM D 2265	260+
WORKED PENETRATION @ 25 °C, x 0.1 mm	ASTM D 217	275-285
WORKED PENETRATION CHANGE AFTER 100,000 STROKES	ASTM D 217	< +20
OIL SEPARATION @ 25°C, 24 HOURS, %	ASTM D 1742	0.40
FOUR-BALL WELD POINT, kg	ASTM D 2783	620
TIMKEN OK LOAD, lbs	ASTM D 2509	65
WEAR SCAR DIAMETER, mm	ASTM D 2266	0.45
WATER WASHOUT, % WT LOSS @ 175° F	ASTM D 1264	1.3
WATER SPRAYOFF, %	ASTM D 4049	< 10
RUST TEST, RATING	ASTM D 1743	PASS
WHEEL BEARING LEAKAGE, gm	ASTM D 1263	5.0 (MAX)
OXIDATION STABILITY, PSI DROP AFTER 100 HOURS	ASTM D 942	2.0

**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 the U.S.A. for:



**Assawayer Trading Co. Ltd.,**  
 P. O. Box 11309 Jubail Industrial City  
 31961 Kingdom of Saudi Arabia  
 Tel: + 966 13 341 2125  
 Fax: + 966 13 341 7209  
 E-mail: info@assawayer.com  
 Website: [www.assawayer.com](http://www.assawayer.com)