

"PERFORMANCE UNDER PRESSURE"



First in Synthetic Lubricants

Multi-Purpose Grease NEO Z-12 Lithium Complex

Product Data Sheet

- **Tenacious lubricating film**
- **Reduces friction**
- **Reduces heat buildup**
- **Extends bearing and bushing life**
- **Resists high temperature**
- **Pumpable at low temperature**
- **Resists water washout**
- **One grease for many jobs**

Product Description:

NEO Z-12 bearing grease is fortified with synthetic polymers, rust and corrosion inhibitors, EP and anti-oxidation additives. Its designed use is in heavily loaded plain and slow to moderate speed anti-friction bearings, operating under generally adverse conditions such as extreme pressure, high temperature, water, mild chemical and detergent wash and acid environments.

NEO Z-12 is thickened with a special lithium soap structure proprietary to NEO SYNTHETIC OIL CO. To provide high variety of greases in industrial as well as automotive uses.

dropping points and good mechanical stability. It's unique combination of properties makes it capable of replacing a wide variety of greases in industrial as well as automotive uses.

Advantages:

NEO Z-12 provides excellent cohesive and adhesive properties for superior shock-load squeeze-out resistance in a bearing. NEO Z-12 is compounded with a scientific blend of EP and frictional modifiers designed for anti-friction bearings; thus reducing friction and increasing equipment and lubricant life. Cost reduction is achieved by increased parts life, less downtime, and extended lubrication cycles.

Applications:

NEO Z-12 is designed for use anywhere NLGI Grade EP #2 is recommended. In the automotive field, it is excellent for chassis lube and wheel bearings. In industry, it is useful for all manner of bearings, centralized grease systems, open pillow blocks, and conveyers. It is excellent for general farm use and irrigation pump bearings. Marine uses include bearings of all types and boat trailer wheel bearings. In construction, it is suitable for mobile heavy equipment.

Specifications:

NEO Z-12 is a multi purpose grease meeting and exceeding requirements for NLGI Grade EP #2.

SPECIFICATION	VALUE	TEST METHOD
Wheel Bearing Test	10.0%	ASTM 1263
Timkin OK Load	75+ pounds	
Dropping Point	570° F	
Pumpability @ 0° F	Good	
Water Resistance	Excellent	
Corrosion	None	
Shear Stability	Excellent	
Fillers	None	

4-Ball Wear Test, 40 kg load, 1800 RPM - 1 hour @ 167° F/75°C,

Scar. Dia., in mm .60

4-Ball EP Test Weld Point, kg 315

ASTM D1263