

# NEO Synthetics

## {PERFORMANCE UNDER PRESSURE}

Z12 ALL PURPOSE VET



### Product Data Sheet – NEO Synthetics High Performance Motor Oils

#### Multi-Purpose Grease Lithium Complex

- 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 solutions

Its unique combination of properties, making this capable of replacing a wide variety of greases, in industrial as well as automotive uses.

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

a high 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 part 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.

SPECIFICATION	VALUE	TEST METHOD
Wheel Bearing Test	10.00%	ASTM 1263
Timken OK Load	75+ pounds	
Dropping Point	570° F	
Pumpability @ 0° F	Good	
Water Resistance	Excellent	
Corrosion	None	
Shear Stability	Excellent	
Fillers	None	