TECHNICAL PRODUCT INFORMATION

NEUTRON Anti Leak IGB

Synthetic Anti Leak Industrial Lubricant

NEUTRON Anti Leak IGB is designed for a long life lubrication for heavy load and high temperature. Its additive is dedicated for an unique anti leak, resistance to heavy load, corrosion, anti wearing.The lab test metal on the bearing shows that the combination of the compound of this lubricant is deal to slow the metal fatigue on that bearing. It is good for high temperature since the composition is resist to fretting.

NEUTRON Anti Leak IGB is a lithium complex semi-fluid grease formulated with high-viscosity ISO-460 synthetic base oils. Coupled with a sophisticated additive packaged, This lubricant G coats and reacts to metal surfaces, providing an unparalleled protection system that reduces wear and prevents damage. Advanced extreme-pressure additives provide superior protection and performance in shock-loading applications which can rupture the oil film of conventional greases and lead to damaging metal to metal contact. NEUTRON Anti Leak IGB resists water and provides superior protection against corrosion and oxidation, which can eat away and destroy critical components and lead to equipment failure.

NEUTRON Anti Leak IGB is a problem-solving lubricant ideal for leaky gearboxes in industrial and fleet applications and for use in applications that are difficult to service. It is primarily used in grease-filled cases where conventional semi-fluid greases do not provide adequate lubricant life or protection. This lubricant is the primary grease recommendation for truck wheel hubs as outline in RP 631, issued by The Maintenance Council of the American Trucking Association.

NEUTRON Anti Leak IGB produces no adverse effects to personal health when properly handled and used based on toxicology information. No special handling requirements are necessary beyond good personal hygiene, including, but not limited to, washing skin contact areas with soap and water and cleaning oil-soaked clothing. Additional health and safety information is available from this product's Material Safety Data Sheet, which may be downloaded from the link provided below.

Performance Features

- Excellent low- and high-temperature performance
- Oxidatively stable
- Great low-temperature pumpability
- Extended service life
- Outstanding rust and corrosion protection
- Reduced wear under shock load conditions
- Low coefficient of friction for reduced energy consumption

Neutron anti leak IGB is recommending in the following agricultural applications:

- Rotary mower gear boxes
- Cotton picker spindles
- Combine header gearboxes
- Steering gears
- Auger gear boxes

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Neutron anti leak IGB is recommended in the following commercial applications:

- Truck wheel hubs
- Truck trailer bearings
- Steering axles
- Centralized lubrication systems, particularly at low ambient temperatures
- Commercial lawn mower gear boxes
- Steering gears, track rollers, crushers and vibrating screens
- Enclosed gear boxes where oil leakage is a problem
- Clarifier gear drives
- Conveyor drive gear boxes
- Underground mine pressure gear systems
- Mixer and reactor gear drives
- Kiln car wheel bearings
- Pneumatic tools
- Mobile drilling equipment
- Paper folding machinery
- Escalator slide rails
- Industrial bottle washers

TECHNICAL INFORMATION

	ASTM TEST	RESULT	
N.L.G.I.		**0**	**1**
Penetration Worked	D – 217	355-385	320-350
Dropping Point °C	D – 2265	280	280
Flash Point °C	D - 92	295	295
Pour Point °C	D - 97	- 60	- 60
Viscosity			
@ 40 °C, cSt	D – 445	645	645
@ 100 °C, cSt	D – 445	58	58
Viscosity Index	D – 2270	126	126
Timken OK Load, lbs	D – 2509	60	60