



ULTRA-PERFORMANCE GREASE

MULTI-PURPOSE SYNTHETIC GREASE

BEYOND SYNTHETIC®

Ultra-Performance Grease satisfies a wide range of grease requirements and is recommended for bearings and general-purpose use.

Ultra-Performance Grease is high performance, multi-service, aluminum complex, synthetic grease. Its outstanding performance is achieved through its superior blend of synthetic base oils plus Synslide additive technology, Royal Purple's unique, proprietary, noncorrosive EP additive technology.

Ultra-Performance Grease significantly increases bearing life and equipment reliability and makes bearings run smoother, cooler, quieter, longer and more efficiently.

SYNSLIDE® ADDITIVE TECHNOLOGY MAKES THE DIFFERENCE!

Synthetic oils enable Royal Purple to make superior lubricants, but it is Royal Purple's advanced Synslide additive technology that gives Royal Purple's EP lubricants their amazing performance advantages. Synslide additive technology truly is beyond synthetic.

Synslide additive technology, Royal Purple's tough, EP lubricating film, provides maximum protection under boundary lubrication conditions typically caused by heavily loaded, slow speed and / or shock load conditions. This tenacious, slippery film significantly improves lubrication and reduces wear by increasing the oil film thickness and toughness, which helps to prevent metal-to-metal contact in gears and bearings.

Synslide additive technology is noncorrosive to gears and bearings, including case-hardened gears that are easily pitted by conventional sulfur-phosphorus EP oils. Synslide additive technology displaces water from metal surfaces and excels in protecting equipment in wet environments. It also fortifies the oil against the detrimental effects of heat, which causes oil to oxidize.

PERFORMANCE ADVANTAGES

Aluminum Complex Grease Base

Ultra-Performance Grease has superior shear stability, water resistance and high temperature performance.

Greater Wear Protection

Ultra-Performance Grease's extraordinary film strength provides superior protection to anti-friction and journal bearings.

Reduces Vibrations

The tough oil film of Ultra-Performance Grease coupled with its ability to micro-polish contacting bearing elements provides superior bearing lubrication.

Multi-Temperature Service

Ultra-Performance Grease combines both good low temperature pumpability and excellent high temperature stability. It is suitable for centralized pressure systems.

Exceptional Water Resistance

Ultra-Performance Grease will not mix with water and has great resistance to water wash off. It excels in tough subsea applications.

Outstanding Oxidation Stability

Ultra-Performance Grease promotes clean, deposit-free bearings for better performance and provides a margin of safety for missed or extended reapplication intervals.

Excellent Rust and Corrosion Protection

Ultra-Performance Grease protects metal surfaces in wet or dry environments during operation and shutdown.

Environmentally Responsible

Ultra-Performance Grease components are TSCA listed and meet EPA, RCRA and OSHA requirements.

Typical Properties*	Method	NLGI Grade	
		1	2
Thickener Type		Aluminum Complex	Aluminum Complex
Viscosity	D445		
cSt @ 40°C		180	180
cSt @ 100°C		16.2	16.2
Density, lbs/gal	D4052	7.5	7.5
Water Washout Test, %	D1264	<5.0	<5.0
Thickener Content, %		6.7	7.5
Cone Penetration Test	D217	319	280
Drop Point, °F/°C	D2265	525/274	525/274
Oil Separation Test	D1742	<5.0	<5.0
Oxidation Resistance	D942	<5.0	<5.0
Four Ball EP Test, Weld Load	D2596	400	400

**Properties are typical and may vary.*