Written by LMT Staff
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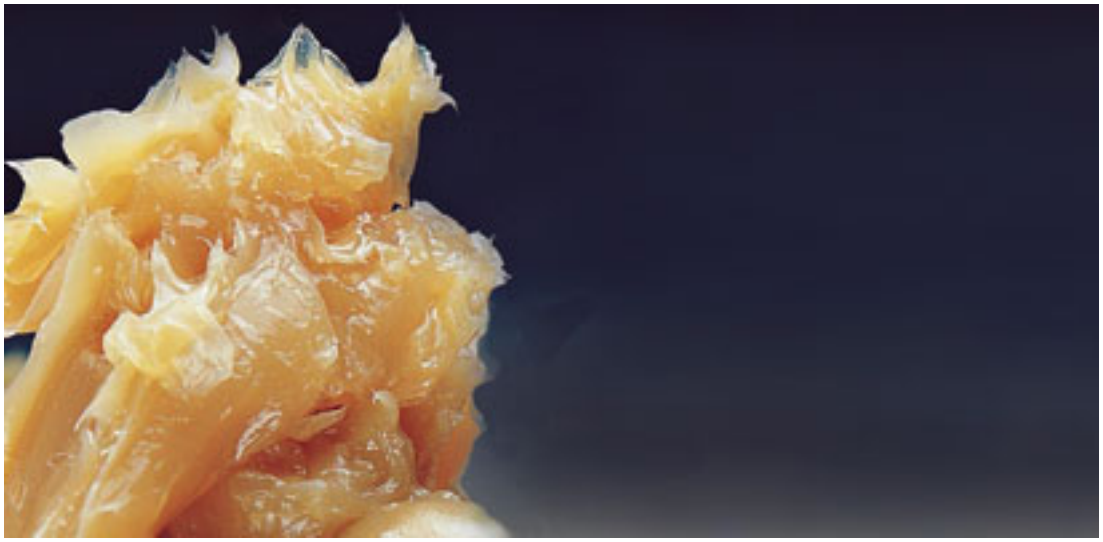

There's plenty of detailed product literature on grease for you to wade through these days. Here, in the words of several leading suppliers, is just a sampling of the grease solutions available for your applications.

Thermax® Semi-Fluid Special-Purpose Synthetic Grease

Royal Purple's Thermax Semi-Fluid Grease is an ultra-tough, aluminum complex, EP product that has the fluidity to be poured like an oil, yet maintain enough "body" at operating temperature to resist channeling or leaking past faulty seals that are often found in older gearboxes. It also has very good oxidation stability and provides excellent rust and corrosion protection to both ferrous and nonferrous metals. According to Royal Purple, its advanced Synslide® additive technology is what gives the company's EP lubricants their performance advantages, including the ability to provide maximum protection under boundary lubrication conditions typically caused by heavily loaded, slow-speed and/or shock-load conditions.

Royal Purple, Inc.
Porter, TX

For more info, enter 30 at www.LMTfreeinfo.com

A Wide Range Of Krytox® Greases

DuPont™ Krytox greases are created by thickening synthetic perfluoropolyether-(PFPE-)based oil with polytetrafluoroethylene (PTFE) powder, creating a white, nontoxic grease that provides excellent lubrication in demanding applications. The PTFE thickener forms a barrier that holds the base oil at friction contact points for long-term lubrication without requiring complicated oil recirculation systems. Krytox is available in a wide range of NLGI grades, both as soft/fluid greases for sealed gear drives and stiffer, channeling greases for high-speed component lubrication, such as bearings. Because these products cannot be washed out with water, are not

affected by steam and are non-reactive to acids and industrial cleaning solutions, bearings are protected against oxidation and lubricant washout.

DuPont
Wilmington, DE

For more info, enter 31 at www.LMTfreeinfo.com
Premium-Quality, Multipurpose Alvania Greases RL

Shell notes that its Alvania Greases RL 2 and 3 are smooth-textured, amber-colored, non-EP, lithium-soap-thickened products inhibited with additives that promote long lubricant life while providing excellent lubrication and corrosion protection. The company also says both offerings are suited to general plant and electric-motor bearing applications and that Alvania Grease RL 2 is readily pumpable in pressure-grease-dispensing systems. Recognizing the trend toward the use of low-noise greases (and OEM requirements in regard to factory-fill, low-noise bearings), Shell has formulated this line with non-crystalline additives to reduce the hard particles that can lead to noise.

Shell
Houston, TX

For more info, enter 32 at www.LMTfreeinfo.com
Mobilith SHC Series Supreme-Performance Multipurpose Greases

Mobilith SHC greases are high-performance products scientifically engineered to exceed the demanding requirements for severe applications at extreme temperatures. They combine the unique features of synthesized hydrocarbon-based fluids with those of an advanced lithium-complex thickener, which contribute to excellent adhesion, structural stability and resistance to water. According to ExxonMobil, a carefully selected proprietary additive system provides outstanding wear protection and rust and corrosion inhibition. The low internal friction and high natural Viscosity Index of the base fluids offer the potential for improved mechanical efficiency, low starting and running torque and excellent low-temperature pumpability. Benefits include enhanced bearing life, a wide temperature range of applications and longer grease life compared to conventional oils.

Mobil Industrial Lubricants
Fairfax, VA

For more info, enter 33 at www.LMTfreeinfo.com
UltraLube® Professional-Grade Biodegradeable Lubricant Line

Plews & Edelmann says its recently launched UltraLube professional-grade bio-based greases, oils, spray lubricants and penetrants offer four times more natural lubricity than petroleum-based products. This allows fast penetration into areas where lubrication is needed most and the creation of long-lasting bonds to metal and plastic surfaces. The manufacturer also notes that with their higher Viscosity Index, the greases in this new line are less likely to “thin down” at higher temperatures, leading to reduced friction, heat and wear. These eco-safe,

nontoxic, non-flammable, extremely-high-flash-point products contain no VOCs and mix easily with petroleum-based greases. Registered by the USDA BioPreferred™ program, they're suitable for applications in environmentally sensitive areas near waterways.

Plews & Edelmann
A Tomkins Company
Dixon, IL

For more info, enter 34 at www.LMTfreeinfo.com

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