

New Moly Grease Delivers Solid Performance

Lubrication Engineers Adds Almamoly HD Grease to its Industrial Grease Line

WICHITA, Kansas (Oct. 2, 2012) – Lubrication Engineers, Inc. introduces [Almamoly™ HD Grease](#), a high-performance grease containing a special blend of solid lubricants and calcium sulfonate thickener. Formulated to withstand elevated temperatures, heavy loads and exposure to water, Almamoly HD Grease is intended for long-lasting use in heavy-duty mobile equipment such as that used in construction, agriculture, open pit mining and road-building.

Almamoly HD Grease contains Almasol®, LE's proprietary solid additive, as well as 5 percent molybdenum disulfide (also known as molydisulfide or moly). Compared to other solid lubricant-containing greases that rely on moly or graphite alone, Almamoly HD Grease's synergistic combination of moly and Almasol helps ensure reliable wear-resistant lubrication, staying in place even when the lubricant is squeezed out of the contact zone due to extreme pressure or heavy shock loading.

The calcium sulfonate thickener – an increasingly popular choice in the marketplace – provides additional performance features that make this grease desirable for extreme conditions. In contrast to other thickeners, calcium sulfonate inherently prevents rust and corrosion. It has a very high dropping point and exhibits excellent mechanical stability and extreme pressure properties.



“Purchasing a high-quality heavy-duty grease is much less expensive than repairing or replacing parts and equipment and losing valuable production time,” said Darren Booth, LE's vice president of operations. “By using a calcium sulfonate thickener with the synergistic combination of molydisulfide and Almasol solids, we have come up with a robust grease formulation that will protect heavy equipment from extreme wear and tough operating conditions. Our customers expect performance from LE greases; they will not be disappointed with this new product.”

Almamoly HD Grease can be used for equipment that requires or specifies greases containing solid lubricants, including heavy-duty mobile equipment requiring 5 percent moly grease. It meets the requirements of major OEMs. Typical applications include articulated trucks, backhoes, bulldozers, conveyors, crushers, excavators, loaders and shovels. It is especially useful for swiveling and pivoting parts including articulated joints, bucket pins, sleeve bearings, pivot bearings, hinge pins, latches, locks, spindles, threaded parts, cams and slides.

An NLGI 1 grease, [Almamoly HD Grease \(1488\)](#) comes in 14-oz grease tubes, 35-lb pails and drum-sized bulk containers. It can be used in automatic lubricators and centralized lubrication systems.

Proprietary Additive

Available exclusively in LE lubricants, Almasol® solid wear-reducing additive is able to withstand extremely heavy loads, chemical attack and temperatures up to 1,900°F (1,038°C). It is attracted to metal surfaces, forming a microscopic layer but not building on itself or affecting clearances. Almasol minimizes metal-to-metal contact and the resulting friction, heat and wear.

About Lubrication Engineers

A leader in lubricants since 1951, Lubrication Engineers, Inc., makes reliability easy for its customers, creating solutions for even the toughest lubrication challenges in a variety of industries worldwide. LE boosts profits through longer equipment life, extended service intervals, reduction in energy use, fewer repairs and less inventory. LE's arsenal includes highly trained consultants, technical expertise, a full complement of reliability products and services, and a comprehensive line of enhanced industrial and automotive lubricants manufactured at its plant in Wichita, Kan. The lubricants are formulated from highly refined base oils and proprietary additives, ensuring that they exceed the performance of ordinary oils and greases. Lubrication Engineers operates under an ISO 9001 Certified Quality System.

Call 800-537-7683 or visit www.LElubricants.com for more information about this and other LE products and services, or to find an LE consultant near you.

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