



SHELL ALBIDA[®] GREASE MPS

Synthetic lithium complex grease

Product Description

Shell Albida[®] Grease MPS is a premium quality grease which contains a synthetic base fluid and a lithium complex soap thickener. This grease is characterized by its high dropping points (above 450°F) and is suitable for use in industrial applications in both high and low temperatures.

Application

Shell Albida[®] Grease MPS is suitable for industrial applications where lubrication points are difficult to reach or conventional greases of the same NLGI grade (base oil viscosity and soap content) will not flow easily through centralized lubrication systems.

Features

Shell Albida[®] Grease MPS consists of a lithium complex soap thickener, a synthetic base fluid blend and a specially formulated additive package. This extreme pressure (EP) grease has a dropping point above 450°F and is compounded with an ISO 460 synthetic base fluid blend. It is formulated with an excellent additive package which provides salt water rust protection, oxidation stability, wear protection under high loads, and resistance to water washout. It is tacky and provides very good adherence to metal parts.

The EP additive package found in **Shell Albida[®] Grease MPS** provides extra protection to metal surfaces in shock loading situations. During a heavy shock load, the lubricant film between metal surfaces can be ruptured. If lubricant film rupture occurs, the excellent EP additive package in these synthetic greases can provide the extra level of protection that is needed.

Shell Albida[®] Grease MPS is undyed making it ideal for both wet and dry ends of paper machines, or other applications calling for a non-staining grease.

Benefits

- excellent heavy and shock load protection
- resistance to water washout
- excellent performance in many heavy duty applications
- high temperature capability
- excellent oxidation stability

Approvals and Recommendations

- heavy duty industrial applications, especially where excessive exposure to water is a problem
- for use in paper and steel mill applications
- severe service applications found in the construction, mining, and forestry industries

Maintenance

Maintaining a clean work environment is critical when equipment greasing is performed. Grease fittings should be wiped clean prior to grease injection to prevent contaminants from entering the equipment. Bearing housings should be maintained one-third to one-half full of grease. Over-greasing should be avoided as excessive heat buildup can result. Periodic relubrication via grease gun or centralized system should be supplemented by complete cleaning and packing with fresh grease on an appropriate schedule.

Typical Properties of Shell Albida® Grease MPS

	Test Method	
Material Number		
Drums		7116602400
Kegs		7116602120
14.1 oz Cartridges		7116630141
NLGI Grade		1.5
Appearance		Off-White
Lithium Complex Soap, wt%		15.5
Base Oil Viscosity		
@ 40 °C, cSt	D 445	460
@100 °C, cSt	D 445	41.5
Penetration, dmm	D 217	
Worked, 60X		295
Worked, 10,000X, % Change		<10
Dropping Point, °F	Mettler	450+
Rust Protection, 5% SSW	D 5969	Pass
Copper Corrosion	D 4048	1b
Water Washout	D 1264	
wt% loss at 175°F		7
Timken, OK Load, lbs	D 2509	50
Four-Ball EP	D 2596	
Load Wear Index, kgf		46
Weld Point, kgf		250
Guide to Usable Temperature		
Min, °F		-20
Continuous Service, Max, °F		350
Short Exposure, Max, °F		400

Handling & Safety Information

For information on the safe handling and use of these products, refer to their Material Safety Data Sheets at <http://www.shell-lubricants.com/msds/>. If you are a Shell Distributor, please call **1+800-468-6457** for all of your service needs. All other customers, please call **1+800-840-5737** for all of your service needs. Information is also available on the World Wide Web: <http://www.shell-lubricants.com/>.