

## **Product Data Sheet**

### **AmberTech Grease High Performance Multipurpose Grease**



#### **Product Description:**

**AmberTech Grease** is a high performance “Most Extreme Pressure” grease infused with AmberTech M99, therefore it exhibits our patented MSM technology.

**AmberTech Grease** is made with premium base oils that provide equipment longevity. It protects against chemical and thermal degradation keeping equipment free from metal to metal-contact thus controlling temperatures. This process ensures the best protection under all “Most Extreme Pressure” operating conditions.

**AmberTech Grease** formula and manufacturing process have been perfected over the years to produce the best quality Over Based Calcium Sulfonate Complex Grease with outstanding performance in severe operating conditions. We control the process in such a way where formation of Calcite is maximized and Vaterite is minimized, making this grease to develop outstanding pumpability characteristics where other Sulfonate greases fail.

**AmberTech Grease** is infused with AmberTech concentrate formula, proven to exceed your expectations in all “Most Extreme Pressure” applications.

#### **Key Features:**

- Calcium Sulfonate Complex Base
- High Drop Point – Suitable for high temperature application
- Excellent rust protection properties
- Superlative pumping properties and thus recommended for centralized lubrication systems
- Does not drip out under running conditions

#### **Customer Benefits:**

- Outstanding performance under heavy loads
- Water Resistant
- Protects equipment from rust
- Extraordinary performance at high temperatures
- Protects equipment from rusting under humid and water ingress conditions

#### **Applications:**

AmberTech Grease is recommended for severe applications in many industries. It is particularly suitable for high-speed bearings and centralized lubrication systems. This grease is recommended for use in automotive as well as “Most Extreme Pressure” applications in construction, mining, agricultural, logging, and hauling industries. This product is suitable anywhere where a shear stable, high load carrying, corrosion resistant grease is required.

#### **Specifications and Approvals:**

National Lubricating Grease Institute rating GC-LB

#### **Packaging:**

Drums, Pails, Cartridges, and Totes

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## Product Data Sheet

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High Performance Multipurpose Grease



### Typical Properties

AmberTech Grease		
Product Number	ATGR	Test Method
Thickener Type	Calcium Sulfonate Complex	-
Appearance	Smooth	Visual
Color	Green	Visual
NLGI Grade	2.5	NLGI
Worked Penetration	240-270	ASTM D-271
Drop Point	550°F	ASTM D-2265
Base Oil Viscosity, cst at 40°C	162	ASTMD-445
Wheel Bearing leakage, gm	5.0 Max	ASTM D-1263
Rust Test	Pass	ASTM D-1743
Water Washout @ 175°F, % wt	3.0	ASTM D-1264
Weld Load, kg	800	ASTM D-2596
Load Wear Index	65	ASTM D-2596
Timken OK Load, lb	>65	ASTM D-2509
USS Mobility Steel Test		USS DM 43
0°F, gm/min	14.2	
-20°F, gm/min	4.5	

*Typical Properties are typical of those obtained with normal production tolerance and do not constitute essentially a specification. Variations that do not affect product performance are to be expected during normal manufacture and at different blending locations. The information contained herein is subject to change without notice.*

### Health and Safety:

When used for its intended application, this product is not expected to have any adverse health implications. For complete information on safe handling, as well as physical and chemical characteristics, please refer to the Material Safety Data Sheet (MSDS) found on our website, [www.ambertech-global.com](http://www.ambertech-global.com), or call (903) 739-2128. Do not use this product for purposes other than its intended use. Please be responsible to the environment when disposing of used product.