

# INDUSTRIAL | GREASE

## HiTEC<sup>®</sup> 552H

High Performance Grease Package



Provides Wear Protection and Antioxidant Performance



 **Afton**  
CHEMICAL  
Passion for Solutions<sup>®</sup>



## HiTEC® 552H High Performance Grease Package

Provides Excellent Corrosion Protection and Antioxidancy Performance

### Application

HiTEC® 552H is a very robust grease additive package that provides excellent corrosion protection and antioxidant performance combined with extreme pressure and antiwear protection. HiTEC® 552H is carefully formulated to resist degradation of critical grease properties such as dropping point and stability in the presence of water. This system can

be used by itself to produce a high temperature, multipurpose grease that at the proper treat rate (~4 wt%) can meet NLGI's GC-LB performance specification. It can also be used as a "building block" with additional top treats being used to give extra performance in specialty grease applications.

### Key Performance Benefits

- Excellent EP and load-carrying properties
- Excellent long-term rust and wear protection
- Won't adversely effect thickener structure
- High thermal and oxidative stability

### Recommended Dosage

The recommended treat rate for HiTEC® 552H is 2% to 5% wt. for typical grease applications depending on thickener type and performance level desired. Please contact your Afton Chemical representative for specific recommendations.

### Typical Characteristics

Appearance	Brown liquid
Density, lbs/gal.	8.47
Viscosity @ 40°C, cSt	72
Specific Gravity @ 15.6/15.6°C	1.018
Flash Point °C, PMCC	100 min

### Handling Information

Max Handling Temp: 80°C  
Shelf Life: 24 months @ ambient temperature

HiTEC® 552H Viscosity/Temperature Curve

