

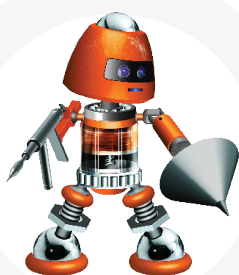
INDUSTRIAL | GREASE

HiTEC[®] 55562

Antioxidant



Antioxidant Booster for Greases and Industrial Lubricants



 **Afton**[®]
CHEMICAL
Passion for Solutions[®]



HiTEC® 55562 Antioxidant

Antioxidant Booster for Greases and Industrial Lubricants

Application

HiTEC® 55562 Antioxidant Booster is a blend of primary antioxidants specifically formulated to extend grease life in high temperature bearing applications.

HiTEC® 55562 is especially effective in greases formulated with sulfur and phosphorus EP/antiwear additives. In particular, it shows excellent synergies with ZDDP components.

Key Performance Benefits

- Booster for oxidation performance in greases that is measurable by:
 - Oxidative bench tests such as PDSC, ASTM D942
 - ASTM D3527 (Life Performance of Automotive Wheel Bearing Grease)
 - FAG FE-9 bearing life test
 - Other high temperature bearing rig tests
- Suitable for hydraulic, turbine and other oils that require additional oxidation stability
- Ashless, chlorine-free
- Soluble in Group I, II, III, and IV base oils

Recommended Dosage

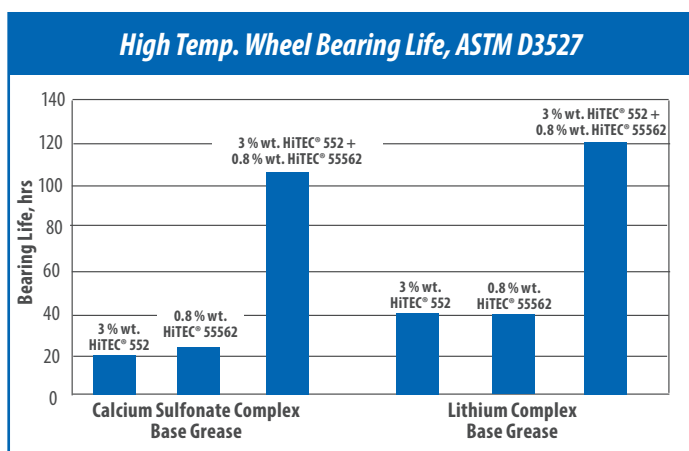
Typical treat rates for HiTEC® 55562 range from 0.1 to 3.0% wt. in greases and oils depending on base oils and application. Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance	Brown Liquid
Specific Gravity @ 15.6/15.6°C	0.94
Viscosity @ 40°C, cSt	20
Viscosity @ 100°C, cSt	3.0
Flash Point, °C (PMCC)	120

Handling Information

Max Handling Temp: 65°C
Shelf Life: 24 months @ ambient
Product might partially solidify if stored at temperatures below 25°C.
The product may need to be warmed and stirred before use.



HiTEC® 55562 can improve the high temperature performance of a fully formulated grease as demonstrated in the ASTM D3527 test. Synergism with ZDDP-containing HiTEC® 552 Performance Additive is shown.