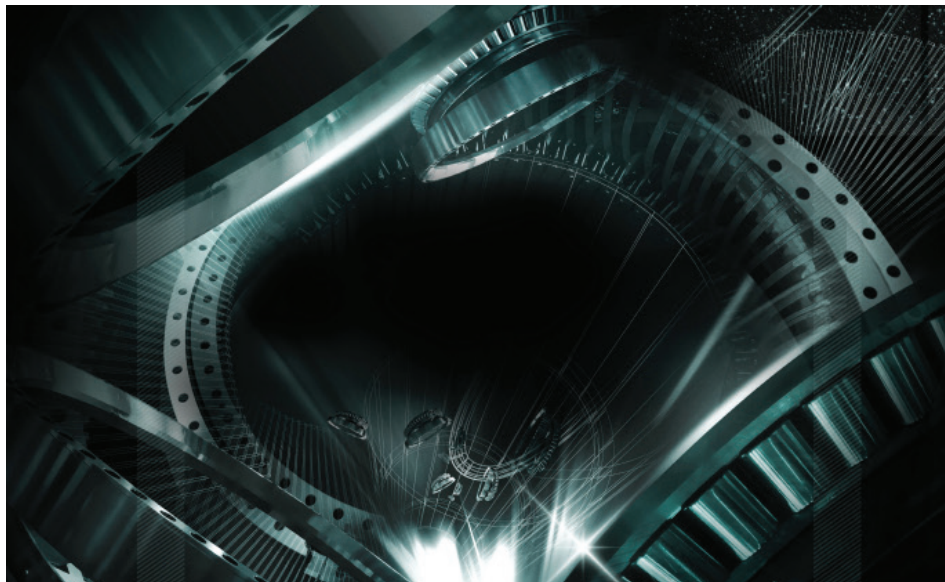


INDUSTRIAL | SPECIALITIES

HiTEC® 152

Tackifier Additive



Multifunctional Additive, Delivering Significant Improvements
in Lubricant Retention, Film Thickness and Surface Adhesion



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

HiTEC® 152 Tackifier Additive

Multifunctional Additive, Delivering Significant Improvements in Lubricant Retention, Film Thickness and Surface Adhesion

Application

HiTEC® 152 Additive is a combination of a high molecular weight polymer in a selected mineral oil. It contributes significantly to lubricant retention, film thickness and surface adhesion.

HiTEC® 152 Additive may be usefully incorporated in a wide variety of lubricating oils, such as lubricants for chain saws, chains, open gears, rock drills, slideways, metal working, wire ropes and textile machinery. Further applications are seen in greases, paints, sealants and mastics, preservative oils and other areas where good surface adhesion is important. HiTEC® 152 is also useful in grease (all soap types) to reduce water spray off, and may also be used to provide mist coalescence in a variety of lubricants which are delivered via a misting system.

Key Performance Benefits

HiTEC® 152 additive benefits include:

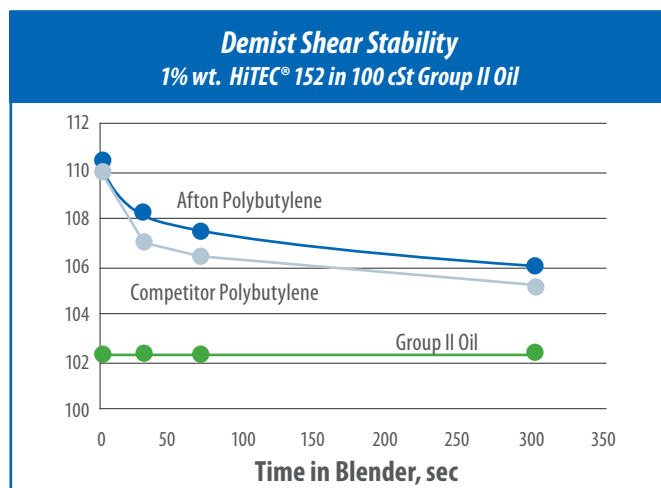
- Improved lubricant retention
 - helping to maintain lubricant film during machinery shut-down periods
- Improved film thickness
 - ensuring hydrodynamic lubrication over a wide range of conditions as well as better corrosion protection
- Improved surface adhesion
 - preventing lubricant loss from moving machinery or water washout with consequent reduction in environmental contamination and frequent relubrication
- Mist coalescence
 - reduces tendency for fogging

Recommended Dosage

Typical dosages range between 0.5% to 2.0% wt. for the formulation of bar and chain lubricants, open-gear lubricants, slideway oils and other oils. Higher dosages of up to 10% may be appropriate in some specialty applications. Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance	Clear bright pale viscous liquid
Specific Gravity @ 15.6/15.6°C	0.875
Density, lbs/gal.	7.30
Viscosity @ 100°C, cSt	2850
Flash Point, °C (PMCC)	155 min.



HiTEC® 152 shows better shear stability than competitor chemistries in the market.

Handling Information

Max Handling Temp: 80°C

Shelf Life: 60 months

For blends containing temperature sensitive components, blend HiTEC® 152 additive first and allow the blend to cool before adding other components.