INDUSTRIAL | SPECIALITIES

HiTEC® 151
Tackiness Additive

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

Afton
CHEMICAL
Passion for Solutions®

HiTEC® 151 Tackiness Additive

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Key Performance Benefits

HiTEC® 151 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® 151 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® 151 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 with consequent reduction in environmental contamination

Recommended Dosage

Dosages for HiTEC® 151 additive will vary from 0.5% to 2.0% wt., but higher dosages of up to 10% may be appropriate in some speciality applications. Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance:	Yellow/amber viscous liquid
Density at 15°C, g/ml:	0.870
Flash Point, °C (PMCC):	150 min.
Pour Point, °C:	-20
Kinematic Viscosity at 100°C, mm²/s:	1200

Handling Information

Max Handling Temp: 80°C
Shelf Life: 36 months at ambient temperature

For blends containing temperature sensitive components, blend HiTEC® 151 additive first and allow the blend to cool before adding other components.

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