INDUSTRIAL | GEAR

HiTEC® 307

Industrial Gear Oil Additive

High Performance Wind Turbine Additive with Extended Performance

Afton® CHEMICAL

Passion for Solutions®

HiTEC® 307 Industrial Gear Oil Additive Package

High Performance Wind Turbine Additive with Extended Performance

Key Performance Benefits

HiTEC® 307 additive is designed for the formulation of high performance industrial gear and wind turbine oils. In addition to providing wear, clean gear and oxidation protection, HiTEC® 307 additive offers extended corrosion and micropitting performance.

HiTEC® 307 additive benefits include:

- Clean-gear performance under conditions of high temperature and oxidation
- Excellent phosphorus retention, ensuring extended wear protection
- Low chlorine content in blended industrial gear oils
- Consistently strong micropitting performance demonstrated at 60°C and 90°C, as specified by key industrial gear original equipment manufacturers
- Performance exceeding the requirements of AIST 224, AGMA 9005-F16 Antiscuff and DIN 51517, Part 3 when correctly formulated in appropriate base stock
- Approved by SKF and FAG in PAO/ester for use in wind turbine applications

Recommended Dosage

HiTEC® 307 additive is recommended for use at 2.65% wt. in conventional mineral oils. When used in synthetic formulations it may be necessary to incorporate some ester fluid in order to improve solubility and compatibility. Treat-rate may vary depending on base stock. Please contact your Afton Chemical representative for specific recommendations.

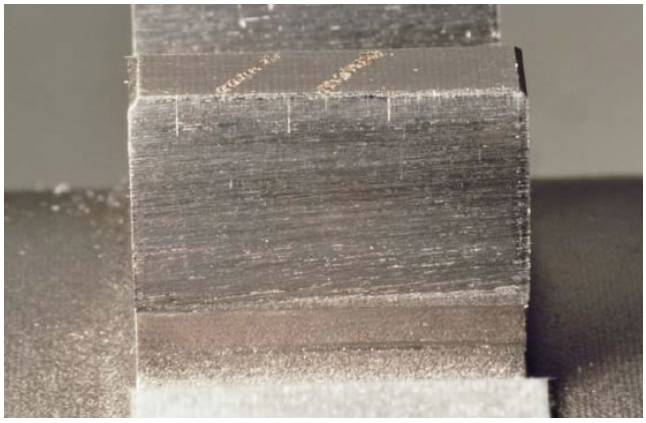
Typical Characteristics

Appearance:	Clear dark amber liquid
Density at 15°C, g/ml:	0.998
Flash Point, °C (PMCC):	82 min.
Kinematic Viscosity at 100°C, mm^2/s:	13

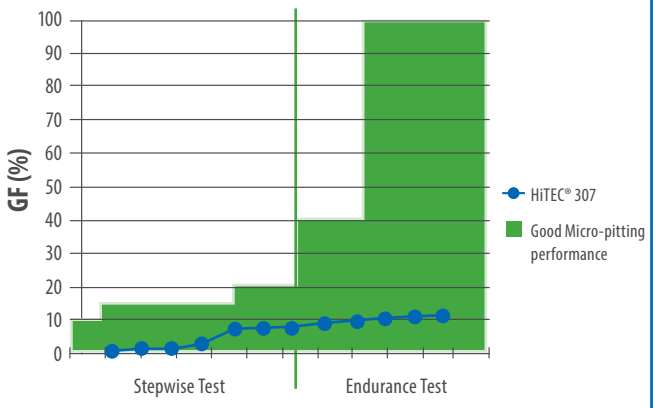
Handling Information

Max Handling Temp: 65°C
Shelf Life: 12 months at ambient (15-35°C)

HiTEC® 307 Protects Against Micro-pitting



HiTEC® 307 Provides Excellent Micro-pitting Performance



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