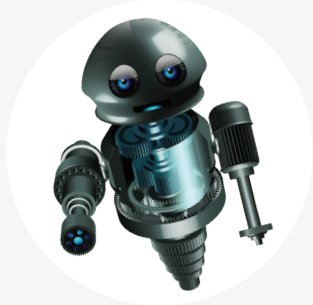


INDUSTRIAL | GEAR

HiTEC[®] 307 Industrial Gear Oil Additive



High Performance Wind Turbine Additive with
Extended Performance



 **Afton**[®]
C H E M I C A L
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

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|---|-------------------------|
| 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: 18 months at ambient (15-35°C)

HiTEC® 307 Protects Against Micro-pitting



HiTEC® 307 Provides Excellent Micro-pitting Performance

