

INDUSTRIAL | GEAR

HiTEC[®] 350

Multifunctional Gear Oil Additive



For Use in Automotive and Industrial Lubricants




Passion for Solutions[®]



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Application

HiTEC[®] 350 gear oil additive is a cost effective multifunctional gear oil additive designed to produce lubricants for use in automotive and industrial applications. HiTEC[®] 350 can also be used to formulate cost effective industrial gear, rock drill, grease and other industrial lubricants.

Key Performance Benefits

- Multifunctionality allows inventory rationalization and simplifies handling, logistics and formulation
- Excellent compatibility with commonly used seal materials
- Exceptional EP protection and durability
- Improved copper-corrosion protection
- Tolerates moderate contamination
- Strong demulsibility and foam suppression
- Excellent storage stability
- Soluble in Group I and Group II base stocks

Recommended Dosage

Gear oils formulated with HiTEC[®] 350 at a dosage of 5.25% wt. (4.5% vol.) in suitable basestocks meet the performance requirements of API GL-5 and MIL-L-2105D (now obsolete).

A dosage of 2.6% wt. (2.2% vol.) of HiTEC[®] 350 is recommended for API GL-4 performance.

At a dosage of 1.5% wt. (1.3% vol.) industrial lubricants formulated with HiTEC[®] 350 have met the following specifications and claims in a wide variety of base stocks and ISO grades:

- AIST 224; AGMA 9005-E02; Cincinnati Machine; DIN 51517: 3; GM LS-2

Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance	Clear amber liquid
Density, lbs/gal.	8.69
Specific Gravity @ 15.6/15.6°C	1.044
Viscosity @ 100°C, cSt	9
Flash Point, °C (PMCC)	83 min.

Handling Information

Max Handling Temp: 40°C
Shelf Life: up to 12 months @ 25°C