

# COMPONENTS

## **HiTEC<sup>®</sup> 5751**

**Olefin Copolymer VI Improver**



Recommended For Use When Formulating Crankcase and Industrial Oils & Greases

## HiTEC® 5751 Olefin Copolymer VI Improver

Recommended For Use When Formulating Crankcase and Industrial Oils & Greases

### Application

HiTEC® 5751 olefin copolymer viscosity index improver is recommended for use when formulating crankcase and industrial oils. It can be used with Afton ILSAC GF-5 / API SN DI packages to product API licensable engine oils. Its amorphous characteristics give it robust low temperature properties across a wide range of base stocks. For grease applications, HiTEC® 5751 is typically used to provide improved tackiness, structural stability and improved yield.

### Recommended Dosage

The dosages of HiTEC® 5751 olefin copolymer viscosity index improver generally recommended to meet the stay-in-grade requirements given below:

SAE Grade	5W-30	10W-30	10W-40	15W-40	20W-50
HiTEC® 5751 (vol.)	8.0%	5.8%	11.8%	5.5%	5.5%

Actual treats vary with base stock and viscosity targets. Treat rates for grease are typically 1 to 10 wt %. Please contact your Afton Chemical representative for specific recommendations.

### Key Performance Benefits

- Cost-effective VI improver for crankcase lubricants
- Robust low-temperature properties
- Low pour point depressant dosages
- Improved tackiness / structural stability (Grease)

### Typical Characteristics

Appearance	Clear to slightly hazy greenish tan viscous liquid
Specific Gravity @ 15.6/15.6°C	0.858
Density, lbs/gal.	7.14
Flash Point, °C (PMCC)	135 min.
Viscosity @ 40°C, cSt	15,000
Viscosity @ 100°C, cSt	1,240
Color, ASTM D1500	3.0 max.
Diluted Viscosity @ 100°C	13.0
SSI	50

### Handling Information

Max Handling Temp: 250°F (120°C)  
Shelf Life: 36 months @ ambient temperature