COMPONENTS

HITEC[®] 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

Specific Gravity @ 15.6/15.6°C	
Density, Ibs/gal.	
Flash Point, °C (PMCC)	
Viscosity @ 40°C, cSt	
Viscosity @ 100°C, cSt	
Color, ASTM D1500	
Diluted Viscosity @ 100°C	
SSI	

Clear to slightly hazy greenish tan viscous liquid 0.858 7.14 135 min. 15,000 1,240 3.0 max. 13.0 50

Handling Information

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



© 2020. Afton Chemical Corporation is a wholly owned subsidiary of NewMarket Corporation (NYSE:NEU). HITEC® is a trademark of Afton Chemical Corporation. 08/20.

The information in this bulletin is, to our best knowledge, sure and accurate, but all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control. Afton Chemical Corporation and its affiliates disclaim any liability incurred in connection with the use of these data or suggestions. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.