

# COMPONENTS

## **HiTEC<sup>®</sup> 5754S**

**Olefin Copolymer VI Improver**



Provides Excellent Shear Stability In Crankcase Lubricants

## HiTEC® 5754S Olefin Copolymer VI Improver

Provides Excellent Shear Stability In Crankcase Lubricants

### Application

HiTEC® 5754S olefin copolymer viscosity improver is recommended for use in industrial, gasoline and diesel crankcase lubricants. It is interchangeable with HiTEC® 5754A according to API guidelines. It can be used with Afton's API SN/ILSAC GF-5 technology to produce licensable engine oils, or formulated with a suitable DI to meet performance requirements. HiTEC® 5754S is based on solid polymer with a typical Shear Stability Index (SSI) of 35.

### Key Performance Benefits

- Excellent shear stability
- Exceeds Bosch stay-in-grade shear stability requirements
- Robust low-temperature properties

### Recommended Dosage

Dosages of HiTEC® 5754S generally necessary to make multigrade crankcase oils that meet stay-in-grade requirements are given below:

SAE Grade	5W20	5W30	10W30	10W40
HiTEC® 5754S (wt%)	3.5%	7.5%	5%	10%

Please contact your Afton Chemical representative for specific recommendations.

### Typical Characteristics

Appearance	Clear to slightly hazy viscous liquid
Specific Gravity @ 15.6/15.6°C	0.855
Flash Point, °C (PMCC)	135 min.
Viscosity @ 100°C, cSt	930 min.
Color, ASTM D1500	3.0 max
Diluted Viscosity @ 100°C, cSt <sup>(1)</sup>	11.2
SSI%, ASTM D6278	35
<i>(1) 11.5 wt % in a reference fluid</i>	

### Handling Information

Max. Short Term Handling Temperature (<5 days): 250°F (120°C)  
Shelf Life: 36 months @ 10 - 40°C