COMPONENTS

HiTEC® 5748

Olefin Copolymer VI Improver

Provides Excellent Shear Stability in Crankcase Lubricants

Afton® CHEMICAL
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HiTEC® 5748 Olefin Copolymer VI Improver

Provides Excellent Shear Stability in Crankcase Lubricants

Application

HiTEC® 5748 olefin copolymer viscosity improver is recommended for use in industrial, gasoline and diesel crankcase lubricants, particularly when excellent shear stability is desired, or as in motorcycle applications. HiTEC® 5748 is based on a solid polymer with a typical Shear Stability Index (SSI) of 22.

Key Performance Benefits

- Excellent shear stability requirements
- Field tested
- Exceeds Bosch stay-in-grade shear stability requirements
- Surpasses Sequence VIII stay-in-grade requirements
- Robust low-temperature properties

Recommended Dosage

Dosages of HiTEC® 5748 generally necessary to make multigrade crankcase oils which meet the 10 hour L-38 stay-in-grade requirements are given below, with CMCC (DIN 51382) stay-in-grade recommendations in parentheses:

SAE Grade	5W30	10W30	10W40	15W40	20W50
HiTEC® 5748 (vol.)	8.0% (8.0%)	5.7% (5.8%)	11.6% (11.8%)	5.4% (5.5%)	5.4% (5.5%)

Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance	Clear to hazy viscous liquid
Specific Gravity @ 15.6/15.6°C	0.855
Flash Point, °C (PMCC)	135 min.
Viscosity @ 100°C, cSt	1100
Color, ASTM D1500	5.0 max.
Thickening Power @ 100°C	6.55

Handling Information

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

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