

VISCOSITY MODIFIERS

HiTEC[®] 5748A

Non-dispersant Olefin Copolymer VI Improver



Provides Excellent Shear Stability in Crankcase Lubricants

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Application

HiTEC® 5748A non-dispersant olefin copolymer viscosity index improver is recommended for use in industrial, gasoline and diesel crankcase lubricants, particularly when excellent shear stability is desired.

Multigrade crankcase oils containing HiTEC® 5748A non-dispersant olefin copolymer VI improver typically lose no more than 0.5 centistokes (approximately two Saybolt seconds) at 100°C in typical over-the-road service.

Key Performance Benefits

- Excellent shear stability requirements
- Field tested
- Exceeds European (CCMC) DIN 51382 and Peugeot P-204 shear stability requirements
- Surpasses MIL-L-46152B stay-in-grade requirements

Recommended Dosage

Dosages of HiTEC® 5748A non-dispersant olefin copolymer viscosity index improver 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® 5748A (vol.)	8.5%	6.0%	10.0%	7.0%	7.0%
	(9.5%)	(7.0%)	(11.0%)	(8.0%)	(7.0%)

Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance	Clear to hazy greenish tan viscous liquid
Density, lbs/gal.	7.14
Specific Gravity @ 15.6/15.6°C	0.8580
Viscosity @ 100°C, cSt	1125
Flash Point, °C (PMCC)	135 min.
Color, ASTM D1500	3.0 max.
Diluted Viscosity @ 100°C, cSt	11.55
SSI, ASTM D6278	22

Handling Information

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