

COMPONENTS

HiTEC[®] 5754A

Olefin Copolymer VI Improver



For Use in Formulating Crankcase and Industrial Oils

HiTEC® 5754A Olefin Copolymer VI Improver

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Application

HiTEC® 5754A olefin copolymer viscosity index improver is recommended for use when formulating crankcase and industrial oils. It can be used with our API SN/ILSAC GF-5 technology to produce licensable engine oils. It is also suitable with HiTEC® 11100 to produce GM dexos1® licensable engine oils. Its amorphous characteristics result in finished oils with robust low temperature properties across a wide range of base oils, and excellent shear stability make it a premiere choice for Bosch stay-in-grade applications.

Key Performance Benefits

- Cost-effective viscosity index improver for crankcase lubricants
- GM dexos1® capability
- Bosch stay-in-grade shear stability
- Robust low-temperature properties

Recommended Dosage

The dosages of HiTEC® 5754A olefin copolymer viscosity index improver generally recommended to meet stay-in-grade requirements are given below:

SAE Grade	0W-20	5W-20	5W-30	10W-30	10W-40
HiTEC® 5754A (wt%)	6.4%	4.3%	8.1%	4.5%	10.0%

Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance	Clear to slightly hazy greenish tan viscous liquid
Density, lbs/gal.	7.14
Specific Gravity @ 15.6/15.6°C	0.8580
Viscosity @ 100°C, cSt	1090
Viscosity @ 40°C, cSt	15000
Flash Point, °C (PMCC)	135 min.
Color, ASTM D1500	3.0 max.
Diluted Viscosity @ 100°C, cSt*	11.2
SSI %, ASTM D6278,	35

Handling Information

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

*dexos1® is a registered trademark of General Motors Corporation.