

COMPONENTS

HiTEC[®] 5760

Olefin Copolymer VI Improver



Recommended For Use in Gear Lubricants

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Application

HiTEC® 5760 viscosity improver is a highly shear stable viscosity improver specifically designed for gear oils. This product has been used to replace high viscosity synthetic base oils in heavily loaded applications such as axle fluids. HiTEC® 5760 viscosity improver is also an effective alternative to poly isobutylene based thickeners. HiTEC® 5760 viscosity improver contains no diluent oil, and is suitable for use in formulations meeting SAE J 2360 and MACK GO-J.

Depending on the application, base oil, and viscosity targets, dosages up to 78% may be used in gear and transmission fluids.

Recommended Dosage

Shear Stability

Low shear is observed in most formulations using standard industry tests. The suitability for this technology in gear applications has been seen in field evaluations, and also in proprietary rig tests.

	Typical H-5760 treat rate	Typical SSI	Typical Viscosity loss %
75W-90	16 wt%	12	8
75W-140	26 wt%	17	14

Typical Characteristics

Appearance	Clear to slightly hazy pale yellow liquid
Specific Gravity @ 15.6/15.6°C	0.853
Density, lbs/gal.	7.10
Viscosity @ 100°C, cSt	1100
Flash Point, °C (PMCC)	180 min.

Handling Information

Max Handling Temp: 120°C

Shelf Life: 36 months @ ambient temperature