

ENGINE OILS

HiTEC[®] 5704

Viscosity Index Improver



Shear Stable Liquid Viscosity Index Improver/Pour Point
Depressant Combination for Engine Oil Applications

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Key Performance Benefits

HiTEC® 5704 additive is a pour-depressed version of HiTEC® 5748 olefin copolymer (OCP) VI improver. HiTEC® 5704 additive is recommended for use in gasoline and diesel engine lubricants, particularly when excellent shear stability and high-temperature, high-shear-rate viscosity are desired.

HiTEC® 5704 additive exceeds the ACEA shear stability requirements, even in wide-span viscosity grades. Since HiTEC® 5704 additive is pour-depressed, treatment with supplemental pour point depressant may not be required.

Recommended Dosage

Dosages generally recommended to make the various multigrade viscosity crankcase oils are as follows:

SAE Grade	10W-30	10W-40	15W-40	15W-50	20W-40	20W-50
HiTEC® 5704 % wt.	6.0	10.0	8.0	11.0	4.0	7.0

Typical Characteristics

Appearance:	Hazy viscous liquid
Density at 15°C, g/ml:	0.860
Flash Point, °C (PMCC):	155 min.
Kinematic Viscosity at 100°C, mm ² /s:	1050
Thickening Power at 100°C, mm ² /s: ⁽¹⁾	6.55
Shear Stability Index: ⁽¹⁾	22

(1) 11.5% wt. HiTEC® 5704 additive in SN oil (5.2 mm²/s at 100°C)

Handling Information

Max Short Term Handling Temp: 120 °C

Shelf Life: 36 months at ambient temperature