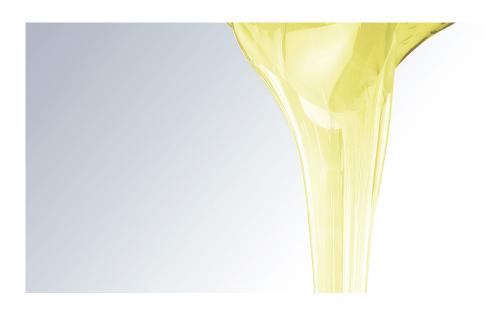
VISCOSITY MODIFIERS

HITEC® 5825H Olefin Copolymer Viscosity Modifier



Shear Stable Solid OCP For Engine Oil Applications





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Shear Stable Solid OCP For Engine Oil Applications

Application

HiTEC® 5825H additive is a solid amorphorus olefin copolymer designed for use as a Viscosity Modifier for engine oils. HiTEC® 5825H additive imparts excellent shear stability and low temperature properties to passenger car motor oils and heavy duty engine oils.

Key Performance Benefits

HiTEC® 5825H additive benefits include:

- Excellent low temperature properties
- Solid form, easy to dissolve in base oils
- Applicable in a wide range of base oils
- Covers key Approvals (ACEA, Daimler, Volvo...) when used with the appropriate package

Recommended Dosage

HiTEC® 5825H may be dissolved in a wide range of base oils to produce liquid HiTEC® 5748 Viscosity Modifier. For more information, contact your Afton Chemical representative.

Typical Characteristics

Properties of HiTEC® 5825H:

Appearance: Clear to grey solid

Density at 15°C, g/ml: 0.875 Propylene Content, % wt: 52 max.

Properties of 12.0% wt. HiTEC® 5825H dissolved in ExxonMobil 150N AP/E:

Colour, ASTM D1500: 0.7

Density at 15°C, g/ml: 0.869

Flash Point, °C (PMCC): 210

Kinematic Viscosity at 100°C, mm²/s: 1149

SSI¹ (Bosch) ASTM D6278, % TP Loss: 21.6

Thickening Power¹ at 100°C, cSt: 6.52

Handling Information

Max Dissolving Temp: 150 °C with nitrogen blanketing

Shelf Life: 36 months

