

COMPONENTS

HiTEC[®] 5708A

VI Improver/Pour Point Depressant



Shear Stable VI Improver for Hydraulic Oils, Optimized for Good Handling Characteristics

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Application

HiTEC® 5708A is a poly-methacrylate VI Improver with moderate shear stability designed for multigrade hydraulic oils. It also provides efficient pour point depressant performance. HiTEC® 5708A has been optimized for better handling characteristics. It is a diluted version of HiTEC® 5708 with the same active polymer.

Key Performance Benefits

HiTEC® 5708A additive is a non-dispersant polymethacrylate VII Improver recommended for use in high VI hydraulic fluids. Oils containing HiTEC® 5708A additive have satisfactorily met the requirements of Vickers M-2950-S, Denison HF-0 and the DIN 51524 and Cetop high VI hydraulic oils specifications.

Recommended Dosage

Please contact your Afton Chemical representative for specific recommendations.

Typical Characteristics

Appearance	Clear to slightly hazy yellow to amber viscous liquid
Specific Gravity, 15.6/15.6°C	0.93
Density, lbs/gal.	7.75
Flash Point, PMCC, °C ¹	120 min.
Viscosity @ 100°C, cSt	810
Color, ASTM D1500	2.0 max.

Handling Information

Max Handling Temp: 100°C (210°F)
Shelf Life: 36 months @ ambient temperature

¹on neat product

Typical Shear Stability of Blends Formulated with HiTEC® 5708A

30 Cycle Bosch		40 Min. Sonic		20 Hrs. KRL	
% SSI	% Vis. Loss	% SSI	% Vis. Loss	% SSI	% Vis. Loss
6	2	38	12	64	19