

COMPONENTS

HiTEC[®] 5788

Pour Point Depressant



Cost-effective Pour Point Depressant Solution

HiTEC® 5788 Pour Point Depressant

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Key performance benefits

HiTEC® 5788 is a Polymethacrylate pour point depressant. It is a cost-effective solution for Off Road, Manual Transmissions and Axle applications when, combined with PMA Viscosity Index Improvers and light base oils.

HiTEC® 5788 provides the following customer benefits:

- Improves viscosity index and thickening efficiency characteristics
- Extremely compatible with Gp II and Gp III base oils

Recommended dosage

The recommended treat rate for HiTEC® 5788 is generally between 0.2% and 2.0% wt. with the exact dosage determined by the base oil present. Please contact your Afton Chemical representative for specific recommendations.

Typical characteristics

Appearance: Clear to slightly hazy yellow to amber viscous liquid

Specific Gravity at 15.6/15.6°C: 0.87 min.

Kinematic Viscosity at 100°C, mm²/s: 450

Flash Point (PMCC), °C: 120 min.

Handling information

Max Handling Temp: 100°C

Shelf Life: 48 months at ambient temperature

HiTEC® 5788 Response in Base Oils

HiTEC® 5788, % wt.	Pour Point, °C			Pour Point, °C			Pour Point, °C		
	APE Core 150	APE Core 600	APE Core BS	Chevron 100R	Chevron 220R	Chevron 600R	Nexbase 3030	Nexbase 3043	Nexbase 3060
0	-12	-6	-9	-18	-12	-12	-33	-18	-18
0.25	-30	-18	-9	-45	-36	-39	-54	-42	-42
0.5	-30	-24	-12	-48	-39	-36	-54	-45	-42
1	-39	-27	-15	-48	-42	-39	-54	-45	-45

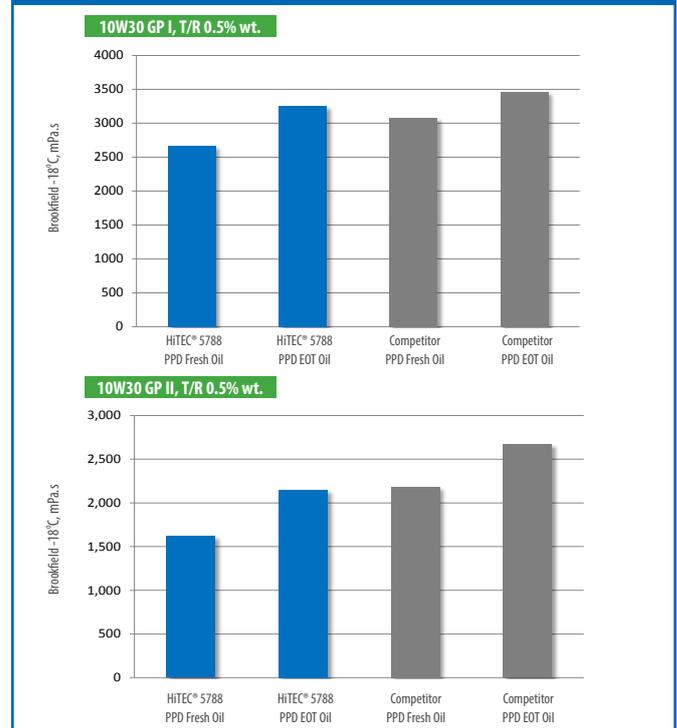
Pour Point Depressant Portfolio by Base Oil Response

	Group I			Group II			Group III		
	APE CORE 150	APE CORE 600	APE CORE BS	Chevron 100R	Chevron 220R	Chevron 600R	Nexbase 3030	Nexbase 3043	Nexbase 3060
HiTEC® 672	●	●	●	●	●	●	●	●	●
Premium Pour Point Depressant for the Most Demanding of Applications									
HiTEC® 5789	●	●	●	●	●	●	●	●	●
Problem Solver for Challenging Base Oils									
HiTEC® 5714	●	●	●	●	●	●	●	●	●
All-round Performance with Added Thickening Efficiency									
HiTEC® 623	●	●	●	●	●	●	●	●	●
All-round Performance with Easy Handling									
HiTEC® 5788	●	●	●	●	●	●	●	●	●
Cost-effective Pour Point Depressant Solution									
HiTEC® 5724	●	●	●	●	●	●	●	●	●
Next Generation Group III Solution									

● Most Effective ● Effective ● Least Effective

HiTEC® 5788 Better Cold Temperature Performance vs Competitor

10W30 Brookfield results after DKA Oxidation Tests



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