

ENGINE OILS

HiTEC® 8799B

HDDO Additive Package



A Versatile Cascade Package Designed to Cover Mainstream
and Economic HDDO Requirements

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Key Performance Benefits

HiTEC® 8799B HDDO additive package, used in combination with HiTEC® 8757B additive, is the most versatile HDDO technology in the market. HiTEC® 8799B additive delivers logistics and operational savings, by allowing oil blenders to manufacture a wide range of finished fluids with a limited number of booster packages.

Versatility

- Covers the broadest range of industry specifications in a wide range of Group I base oil sources including ExxonMobil, Orlen, Total, Lukoil, Repsol⁽¹⁾
- Data set in main HDDO viscosity grades including SAE 10W-40⁽²⁾
- High TBN option available at each performance level by using HiTEC® 8758B booster package
- Suitable for both on and off road applications

Performance

- Optimized treat-rates and Viscosity Index Improver (VII) credit
- Meets the latest European OEMs requirements (ACEA 2008/)
- Incorporates HiDOG™ technology for optimum soot handling and wear control

Typical Characteristics

	HiTEC® 8799B	HiTEC® 8757B	HiTEC® 8758B
Density at 15°C, g/ml	0.956	1.087	1.095
Flash Point, °C (PMCC)	135 min.	120 min.	130 min.
Kinematic Viscosity at 100°C, mm²/s	152	12	15
Total Base Number, mg KOH/g	66	155	220

Handling Information

	HiTEC® 8799B	HiTEC® 8757B	HiTEC® 8758B
Max Handling Temp	70°C	40°C	40°C
Shelf Life at ambient temperature	12 months	36 months	36 months

Recommended Dosage

		API CL-4 API CH-4 API CG-4 API CF-4 API CF API SL API SJ ACEA E7 ACEA E3 ACEA A3 ACEA B3 ACEA B4 MB 228.3 (p) MB 228.0/1 (p) MAN 2275 MAN 270/271 Volvo VDS-3 Volvo VDS-2 Volvo VDS MTU 2.0 MTU 1.0 MACTEO-M Plus CUMMINS CES 20076 CUMMINS CES 20077 Caterpillar EC3-1a Renault RD-2 Renault RD-2 Renault RD Detroit Diesel 19K215 Deutz DQC III-B5 Deutz DQC II-B5 Global DHD-1																																
HiTEC® 8799B	HiTEC® 8757B	Approvals																																
16.2%	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	HiTEC® 8755B @ 16.2%	
12.3%	0.9%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	HiTEC® 8744B @ 13.1%	
9.6%	1.1%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	HiTEC® 8733B @ 10.6%	
6.3%	1.8%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	HiTEC® 8722B @ 7.8%	
5.55%	1.6%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	HiTEC® 8711B @ 7.15%	
4.3%	1.2%	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	HiTEC® 8711B @ 5.5%	

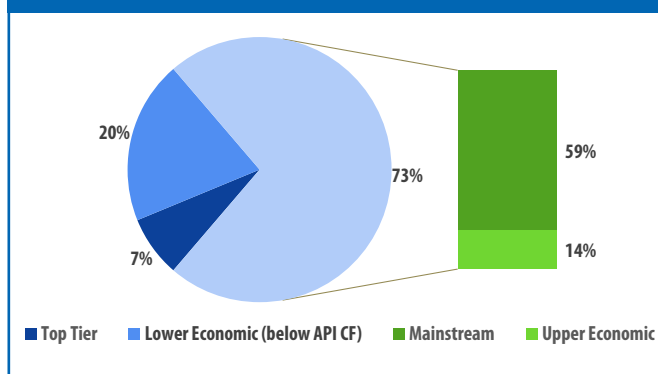
(1) Afton recommends the use of HiTEC® 8799B+ for low saturate base oils

(2) Data available in ExxonMobil and Total base oil only

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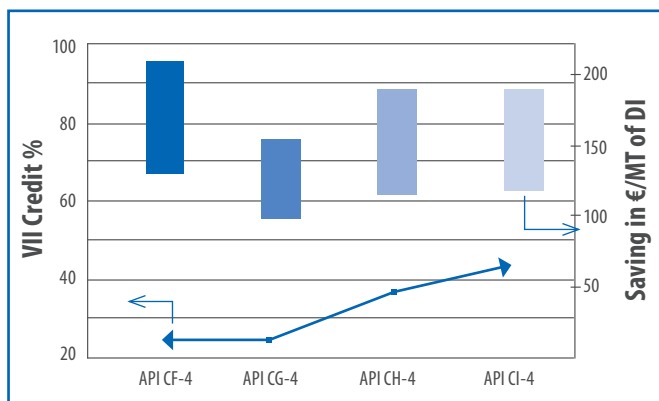
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HiTEC® 8799B Targets 73% of the EMEA HDDO Market



VII Credit

HiTEC® 8799B additive contains Afton's unique dispersant OCP technology allowing oil blenders to reduce the amount of VII used in their formulations. The VII credit ranges from 20-45% which is equivalent to up to €200/MT savings on the DI package price.





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lubrex@lubrex.com.tr