ENGINE OILS

HiTEC® 9450 Passenger Car Engine Oil Additive Package



Reduced SAPs Top Tier Additive Technology, meeting the requirements of ACEA 2016 specifications





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Key Performance Benefits

HiTEC[®] 9450 engine oil additive is specially designed for use in catalyst compatible oils. These particular oils are used in light duty vehicles fitted with after-treatment systems, gasoline catalytic converter, and diesel particulate filter technology.

Upgraded to ACEA 2016 and MB 229.31 (V2016.1), with no changes needed to formulations, componentry or treat rates; HiTEC[®] 9450 has demonstrated its future proof credentials being able to meet the new ACEA C5 specification.

The two key performance benefits from HiTEC® 9450

- Strong Fuel Economy Performance: HiTEC[®] 9450 meets ACEA C5, the latest sequence introduced for oils with enhanced fuel economy.
- Excellent Engine Durability: HiTEC[®] 9450 delivers reserve performance in 3 key areas needed for durability; wear protection, sludge control and engine cleanliness.

HiTEC[®] 9450 specification coverage fits the needs of independent workshops and end users looking for a cost-effective engine oil for out of warranty vehicles. With a growing diesel vehicle parc now outside of warranty, HiTEC[®] 9450 is the right additive technology offering engine durability relevant to workshops and fuel economy relevant to consumers.

HiTEC[®] 9450 also fits the needs of in-warranty engine oils when a OEM workshop uses an ACEA standard oil as an alternative, following OEM handbook recommendations.

Recommended Dosage

The recommended treat-rate for HiTEC[®] 9450 is 12.40% wt. for ACEA C5/C3/C2-16, API SN and MB 229.31.

Typical Characteristics

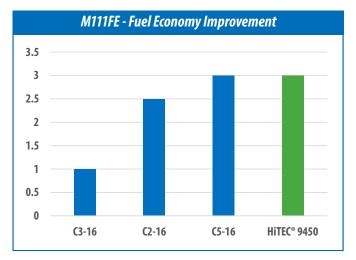
Appearance:	Brown Viscous Liquid
Density at 15°C, g/ml:	0.954
Flash Point, °C (PMCC):	135 min.
Kinematic Viscosity at 100° C, mm ² /s:	139
Total Base Number, mg KOH/g:	62

Handling Information

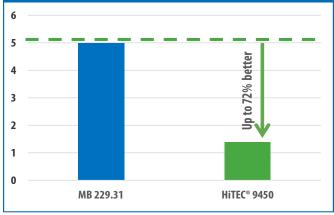
Recommended Storage and Handling Temperature: 55-60°C Maximum Blending and Handling Temperature: 65°C Maximum Long Term Storage Temperature: 60°C Shelf Life, 24 months at ambient (10-40°C)

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M271 Wear Test - Cam Wear Inlet, μm



HiTEC [®] 9450	Approvals							
12.4%	SAE 0W-20	Grp III						
12.4%	SAE 0W-20	Grp III						
12.4%	SAE 5W-20	Grp III						
12.4%	SAE 5W-30	Grp III					•	

