

ENGINE OILS

HiTEC® 11610

Passenger Car Engine Oil Additive Package



FULL SAPs Additive Technology ACEA 2021 A3/B4 and API SP



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FULL SAPs Additive Technology, ACEA 2021 A3/B4 and API SP

Key Performance Benefits

HiTEC® 11610 delivers strong engine protection and efficient engine operation for light duty vehicles with state of art engine technology including direct injection, turbochargers, chain timing system.

HiTEC® 11610 offers the following key performance benefits

- Strong protection against wear whilst minimizing cost
- Control of low-speed pre-ignition events protecting TGDl engines and maintaining comfortable ride experience
- Keeps the engine clean minimising oil oxidation and harmful sludge formation, maintaining engine efficiency
- Conserves oil viscosity, maintaining adequate lubrication to the engine and delivers continued smooth engine operation
- Enhanced fuel economy performance, the latest sequence introduced for oils with improved fuel economy

HiTEC® 11610 also fits the needs of in-warranty vehicles when an OEM workshop uses ACEA engine oil sequences following the OEM handbook recommendations.

Recommended Dosage

Please contact your Afton Chemical representative for specific formulation recommendations.

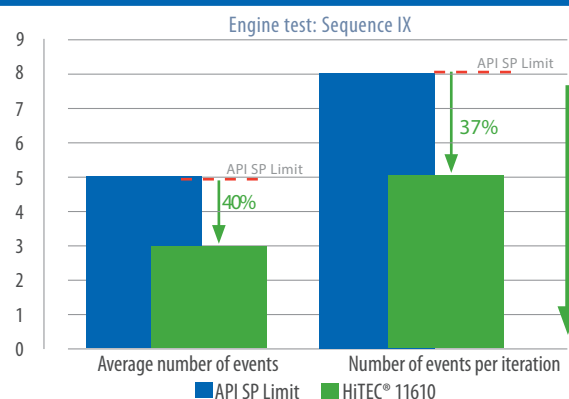
Typical Characteristics

Appearance	Brown Viscous Liquid
Density @ 15°C, g/ml	0.966
Flash Point, °C (PMCC)	135 min.
Viscosity @ 100°C, cSt	185
Total Base Number, mg KOH/g	95

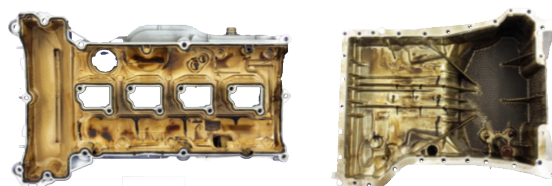
Handling Information

Recommended Storage & Handling Temperature: 10-40°C
 Maximum storage temperature: 50 °C
 Maximum Long Term Storage Temperature (<5 days): 70°C
 Shelf Life @ 10-40°C: 24 months

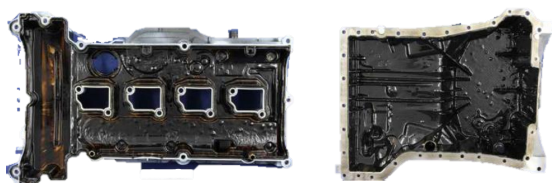
Exceeds API SP Requirement while maintaining performance



Outstanding Sludge Prevention with HiTEC® 11610



M271 sludge engine test rocker cover and oil pan with HiTEC® 11610 Technology



M271 sludge engine test rocker cover and oil pan with failing oil

	API SP	ACEA A3/B4+21	Base oil coverage
HiTEC® 11610 @11.1%			
SAE 5W-30	●	●	Yubase Group III (option available with 10% EHC Group II) Chevron Group II + 30% Yubase Group III
SAE 5W-40	●	●	Yubase Group III+ (option available with 10% EHC Group II)
SAE 10W-30	●	●	Chevron Group II + 30% Yubase Group III
SAE 10W-40	●	●	
SAE 15W-40	●	●	

Formulations developed with HiTEC® 5748 OCP Viscosity Modifier