

ENGINE OILS

HiTEC® 11356

Passenger Car Engine Oil Additive Package



Optimized for Mainstream API Technology

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Application

HiTEC® 11356 is the best choice for mainstream service fluid technology formulated to fulfill API SQ, legacy API specs and China GB specifications. It is designed to provide robust performance in the new industry wear and pre-ignition tests to ensure optimal protection for the latest turbocharged gasoline direct injection (TGDI) and non-TGDI engines. It provides low-speed pre-ignition (LSPI) and timing chain wear protection, improves piston cleanliness and fuel economy.

For specific details of the range of licensed formulations that can be supported with this technology, please contact your Afton Chemical representative.

Key Performance Benefits

- Fully meets the license and approval criteria of both API SQ and legacy specifications.
- GPF compatible MID Ash technology.
- Exceed best in class fuel economy performance.
- Delivers enhanced performance in the areas of wear protection, antioxidant and sludge control in the latest engine designs while protecting against potential LSPI events in these engines.
- Single core package technology can cover a wide range of industry viscosity grades for widely used base oils.

Recommended Dosage

HiTEC® 11356 is used at 6.8% wt. to formulate all recommended grades with Afton's OCP VM solution HiTEC® 5748. Please contact your Afton Chemical representative for specific formulation recommendations.

Typical Characteristics

Appearance	Brown Viscous Liquid
Density @ 15°C, g/ml	0.976
Flash Point, °C (PMCC)	135 min.
Viscosity @ 100°C, cSt	86
Total Base Number, mg KOH/g	100

Handling Information

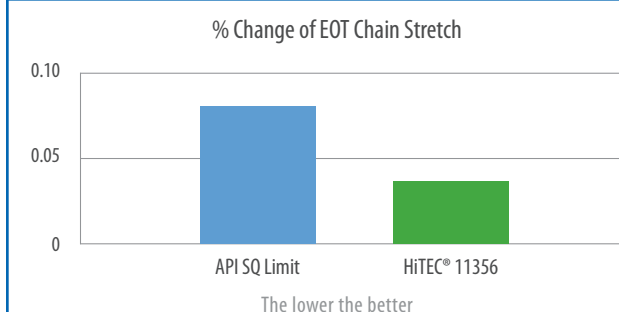
Recommended Handling Temperature: 40 - 45°C

Maximum storage temperature: 50 °C

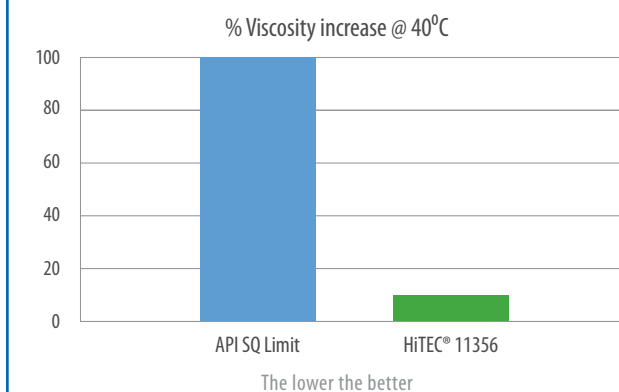
Maximum handling temperature (<5 days): 70°C

Shelf Life @ 10-40°C: 24 months

Sequence X Wear Protection



Sequence IIH Anti-Oxidation



	0W-16	0W-20	0W-30	5W-20	5W-30	5W-40	10W-30	10W-40	15W-40	20W-50
Viscosity Grade Coverage										
Group-III	●	●	●	●	●	●	●	●		
Group-III & Group-II				●	●	●				
Group-II							●	●	●	●