

ENGINE OILS

HiTEC[®] 11163

Passenger Car Engine Oil Additive



Outstanding Performance for the new
ILSAC GF-6 Industry Specification



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Application

HiTEC® 11163 is a new additive technology developed to exceed the minimum performance requirements of the API SP, ILSAC GF-6A & GF-6B specifications in all applicable marker viscosity grades.

HiTEC® 11163 has enhanced performance capability in terms of piston cleanliness, oxidation stability and fuel economy providing optimum protection for the latest turbocharged gasoline direct injection (TGDI) engine designs.

These formulation improvements combine with the superior anti-wear technology of previous Afton products to ensure optimum performance & protection for all engine types, new and old.

Key Performance Benefits

- Fully meets the license and approval requirements of API SP, ILSAC GF-6A & GF-6B in all applicable viscosity grades
- Extensive base oil qualification coverage providing multiple options for each viscosity grade. Where possible based on base oil properties key grades are optimized to lowest formulation cost
- Superior wear, cleanliness, fuel economy and pre-ignition protection performance to address the key operational demands of all engine types

Recommended Dosage

HiTEC® 11163 is used at 8.5% wt. to formulate all recommended grades. Please contact your Afton Chemical representative for specific formulation recommendations.

Typical Characteristics

Appearance	Dark brown viscous liquid
Specific Gravity @ 15.6/15.6°C	0.968
Density, lb/gal.	8.07
Viscosity @ 100°C, cSt	60
TBN, mg KOH/g	86
Flash Point, °C (PMCC)	135 min.

Handling Information

Max Handling Temp: 70°C
Shelf Life: 3 months @ 50°C, 36 months @ ambient (10-40°C)

