

ENGINE OILS

HiTEC® 11210

Passenger Car Engine Oil Additive Package



Cost-effective Additive Technology covering API SL
Performance Level

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Key Performance Benefits

HiTEC® 11210 is an optimised treat-rate package specially designed to cover the needs of emerging markets: Middle East, Russia & CIS, India, and Africa. It represents a cost-effective solution for local blenders and a good solution for blenders that look at these geographies as export business opportunities. HiTEC® 11210 is focused on delivering an optimised treat-rate for API SL, the highest share API specification in emerging markets, where vehicle car parcs have a much higher share of gasoline vs. diesel. It also allows for a combined Passenger car and Heavy-Duty application covering API CF and lower tier diesel categories.

HiTEC® 11210 treat-rate has been optimised without compromising the quality protection offered throughout our Passenger Car Oil additives range. This product provides adequate protection against:

- Demanding fuel quality
- Challenging driving conditions related to road infrastructure quality
- Severe environmental impacts such as: high temperature, dust, etc.

Recommended Dosage

Specifications coverage and cascade	
API SL/SJ/CF	Licensable
API SG/CF	Meets
API SF/CF	Meets
API SD/CD/CC	Meets
API SB/CB	Meets

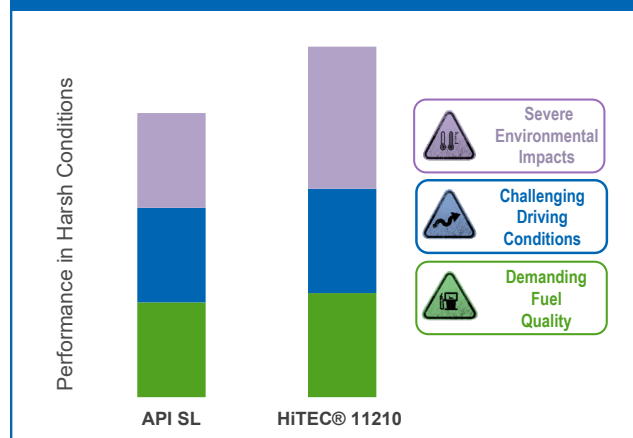
Please contact your Afton sales representative for recommended treat-rates, specific formulation recommendations, base oil licensing and viscosity grade coverage.

Meets claims for obsolete specifications were developed on the basis of Modelling.

Typical Characteristics

Appearance:	Dark brown hazy liquid
Calcium, %wt:	3.29
Zinc, %wt:	1.52
Phosphorus, %wt:	1.38
Nitrogen, %wt:	1.05
Molybdenum, %wt:	0.15
Density at 15°C, g/ml:	1.003
Flash Point, °C (PMCC):	150 min.
Kinematic Viscosity @ 100°C, cSt:	100
Total Base Number, mg KOH/g:	111

Performance in Harsh Conditions



Handling Information

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