

# ENGINE OILS

## **HiTEC® 11158**

**Passenger Car Engine Oil Additive**



Outstanding Performance for the ILSAC GF-6  
Specification



## HiTEC® 11158 Passenger Car Engine Oil Additive

Outstanding Performance for the ILSAC GF-6 Specification

### Application

HiTEC® 11158 is an outstanding additive package designed to meet the new industry specifications, API SP and ILSAC GF-6A in selected base oil and viscosity grade combinations.

HiTEC® 11158 is designed to provide robust chain wear and valvetrain performance. In addition, HiTEC® 11158 is confirmed to provide equivalent wear and cleanliness protection to previous Afton products to ensure optimum performance and protection for all engine types, new and old. HiTEC® 11158 is tailored to specific base oil systems to ensure optimum oxidation and fuel economy performance, please contact your Afton sales representative for specific formulation recommendations.

### Key Performance Benefits

- Fully meets the license and approval requirements of API SP and ILSAC GF-6A in all applicable viscosity grades
- Tailored for specific base oil systems to meet optimum performance and blend economics in key market viscosity grades
- Designed to meet the key operational demands of all engine types

### Recommended Dosage

HiTEC® 11158 is used at 7.9% 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	0.962
Density, lb/gal.	8.02
Viscosity @ 100°C, cSt	65
TBN, mg KOH/g	88
Flash Point, °C (PMCC)	135 min.

### Elemental Typicals

Boron (ppm)	911
Calcium (% wt)	1.51
Magnesium (% wt)	0.48
Molybdenum (ppm)	633
Nitrogen (% wt)	1.04
Phosphorus (% wt)	0.81
Zinc (% wt)	0.89

### Handling Information

Max Handling Temp: 70°C

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

© 2022. Afton Chemical Corporation is a wholly owned subsidiary of NewMarket Corporation (NYSE:NEU). HiTEC® is a trademark of Afton Chemical Corporation. 02/22.

The information in this bulletin is, to our best knowledge, sure and accurate, but all recommendations or suggestions are made without guarantee since the conditions of use are beyond our control. Afton Chemical Corporation and its affiliates disclaim any liability incurred in connection with the use of these data or suggestions. Furthermore, nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or its use.