

RF6188E SP Gasoline Engine Oil Package

• Product Introduction

RF6188E is formulated with good quality detergent, dispersant, anti-oxidant, anti-wear and anti-friction, etc. It can provide outstanding low-speed pre-ignition protection for the engine, timing chain wear protection and valve system wear protection. With excellent engine cleaning capability and oxidation resistance, it can effectively inhibit oil oxidation deterioration and sediment. After scientific formulating, strict test and evaluation, it can be used to blend engine oil that meets the requirements of API SP/ILSAC GF-6, also suitable for various types of middle and high class car engines.

• Technical Specification

The blended oil meets the API SP standard of American Petroleum Institute.

• Applications

With Group II, Group III and Group IV base oil, suitable viscosity index improver, pour point depressant and anti-foaming agent, RF6188E can be used to blend gasoline engine oil with API SP performance level. SAE Viscosity Grade: 0W-16, 5W-30, 5W-40, 10W-30, 10W-40.

• Recommended Dosage

Recommended Treat Rate of Oil Package is 8.7%.

SP 10W-30 Formula for reference:

Item	Treat Rate, %
RF6188E	8.7
200N	84.7
T615 Viscosity Index Improver	6.3
Pour Point Depressant	0.3
T901 Anti-foaming Agent (in addition)	30ppm
In Total	100

• Performance Features

Formulated with excellent functional additives such as detergent, ashless dispersant,

anti-wear additive and special high-temp anti-oxidant,RF6188E is a type of excellent gasoline engine oil package with high performance.

- (1) the API SP gasoline engine oil blended with RF6188E can provide excellent low-speed pre-ignition protection for the engine,timing chain wear protection andvalve system wear protection.
- (2) the API SP engine oil blended with RF6188E has good high-temp detergency, sludge dispersibility, anti-oxidation, anti-corrosion and anti-wear property.
- (3) The additive helps reducing the cost with long oil drain intervals.
- (4)With low P content, it can help protecting three-way catalytic converter and reduce emission pollution.

The multi-grade engine oil blended with RF6188E (8.7% treat rate), and suitable group II , group III or group IV base oil can be used for high class cars, SUV, MPV etc. It with good performance and highly recognized.

• Technical Index

Item	Typical Value	Test Method
Appearance	Brown viscous liquid	Visual inspection
Kinematic Viscosity(100°C),mm ² /s	150	ASTM D445
Flash Point (COC), °C	214	ASTM D92
Total Base Number, mgKOH/g	93	ASTM D2896
P Content,m%	0.88	ASTM D4951
Ca Content,m%	1.73	ASTM D4951
Zn Content,m%	1.01	ASTM D4951

• Product Storage/Handling/Transportation/Package

Recommended storage and handling temperature:20-40 °C, max storage temperature: 45°C. Max handling,blending(unloading/pumping) temperature should be 60-75°C.

It is not flammable, not explosive, not corrosive, in the items of safety, environment protection, use, etc., it is same as normal petroleum product, with no special protection. Product package: The product is packed with 200 litre iron drum or according to user's requirement. Specific weight of delivery is subject to the actual filling weight.