

Fuel Upgrading Specialties

Product Data Sheet



Gas Reducing Resistance Additive

PGA-02

Product introduction

The additive can effectively restrain the rising of saturated vapor pressure and reduce the occurrence of air resistance of methanol gasoline. It is also determined as RVP (Reid Vapor Pressure) Depressant. Under the circumstance of being no need to modulate the saturated vapor pressure of basic gasoline, the methanol gasoline can reach the national standard when the gas reducing resistance agent is directly added. The additive will improve the storage stability and anti-detonating quality of methanol gasoline and ensures the stable combustion of methanol gasoline in the engine.

Application

The product is mainly used as methanol gasoline additive. It is added to the distilled gasoline, catalytic gasoline, blended gasoline mixed with catalytic gasoline and distilled gasoline, blended gasoline mixed with reformed gasoline, catalytic gasoline and distilled gasoline, and RON-90 gasoline, and it is not layered within 90-10 days, which can meet the use requirement. It has the more advantages of no environmental pollution, high thermal efficiency, and easily available raw material. It shall be added to the methanol gasoline to generate the positive effect of gas reducing resistance, which is fully beneficial and effective to the popularization of methanol gasoline.

Composition

The solution contains ethyl acetate, dimethyl carbonate and triarylphosphate. This additive solution are added with methanol gasoline to form hydrogen bond and make the temperature of the first drop of boiling range (namely initial boiling point) of methanol gasoline rise, so that the vapor pressure of methanol gasoline is changed, effectively resolving the air resistance issue of methanol gasoline..

Treat Rate

We recommend adding the PGA-02 to the alcohol or other oxygenate so that a concentration from 0.5% to 1% is delivered in the finished blended solution.

Physical and chemical indicators

- Appearance: Colorless and transparent
- Density: 0.99
- PH value: 6-7
- Pour point lower than -40°C
- Close flash point: 69°C

Safety and First Aid

Eye contact: Immediately flush with plenty clean water for at least 15 minutes until irritation disappears.

Skid contact: Remove contaminated clothing immediately and wash thoroughly with soapy water

Intake: Do not induce vomiting. If the person is conscious, let him drink some milk or water to dilute inhalation. Keep warn and quiet

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