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## TBN600 Vanadium Inhibitor Magnesium Sulfonate

### ●Product Introduction

As a kind of Super High-based Magnesium Sulfonate fuel additives, T107MV color is clear brown liquid, completely miscible with fuel, and has the very good stability. The product not only have detergency and dispersion effect, but as the vanadium inhibitor agent added to the fuel oil, can prevent vanadium, sodium, iron and other metal in heavy oil from forming sulfate with low melting point and vanadium pentoxide compounds during the high temperature combustion. The product can be directly added to the fuel oil, and can also be injected fuel pipeline. It can reduce the corrosion in the process of combustion.

### ●Product Technical Index

Item	Typical Value	Test Method
Flash Point (COC), °C	60	ASTM D92
Kinematic Viscosity (100°C), mm <sup>2</sup> /s	82	ASTM D445
Density (20°C), kg/m <sup>3</sup>	1200	ASTM D4052
Total Base Number, mgKOH/g	600	ASTM D2896
Mg Content, m%	13.2	ASTM D4951
Water Content, m%	0.07	ASTM D95
Machinery Impurities, m%	0.07	ASTM D473

### ●Package, Storage and Transportation

Packed in 200 liters iron drum or according to user's requirement. Transportation mode is by container or truck. The maximum storage temperature shall not exceed 40°C. This product is non-flammable, non-explosive, and non-corrosive, and it is same as petroleum products in terms of safety, environmental protection, use and other aspects, thus it needs no special protection. The product is stored with a shelf life of 2 years, and it should avoid contact with strong antioxidant when use. In case of accidental contact with skin, wash it off thoroughly with water and detergent.