



CHEMPOL 5540M

Over Based Magnesium Sulfonate

PRODUCT DESCRIPTION

CHEMPOL 5540M is a general purpose 400 TBN over based magnesium sulfonate typically used as a detergent and rust inhibitor in crankcase lubricants. CHEMPOL 5540M applications include automotive, diesel and stationary diesel lubricants. CHEMPOL 5540M is compatible with most mineral base oils, white oils, and synthetic base stocks.

DOSAGE RECOMMENDED (WT%)

Nominal dosages would range from 0.5 to 5.0 %wt of the finished lubricant.

PRODUCT CHARACTERISTICS

Item	Index	Typical Value	Test Method
Appearance	Dark Brown viscous liquid	Dark Brown viscous liquid	Visual
Kinematic Viscosity (100°C) mm ² /s	80-120	95	ASTM D445
Flash Point (COC), °C	≥180	220	ASTM D92
Total Base Number, mg KOH/g	395-425	405	ASTM D2896
Mg Content, m%	8.8-9.8	9.1	ASTM D5185

PACKING, STORAGE AND TRANSPORTATION

Please refer MSDS of this product when storing, shipping, handling and using this product. It is nonflammable, non-explosive and non-corrosive. The highest storage temperature shall not exceed 75°C. For long term storage, the highest temperature shall not more than 45°C. For product details of safety, health and environmental precautions, please refer to the MSDS of this product.