



ZHENGZHOU CHORUS COMMERCE AND TRADE CO.,LTD

Email: wendy@cn-lubricantadditive.com; Web: www.cn-lubricantadditive.com

Add: No. 11 Changchun Road, Zhengzhou, China; Tel: +86-371-58651986, 15903873562

150 TBN Calcium Sulfonate Detergent Synthetic

●Product Introduction

Medium Based Synthetic Calcium Sulfonate T105 is a kind of sulfonate salt series lubricant additive metal detergent. It is mainly produced from linear long chain alkylbenzene sulfonic acid by neutralization and alkalization reaction. This is a widely used metal detergent, and features excellent acid neutralization capacity, antirust property and high temperature detergency, thus it is widely used for different ICE oils, meanwhile it can be used to blend rust preventing oil.

It is a type of TBN Booster Calcium Sulfonate, while blended with other Lubricant Additive Component, including Ashless Dispersant, High Temperature Antioxidant, Corrosion Inhibitor ZDDP, Antiwear EP Additive, Rust Preventative Anti-rust Additive, Pour Point Depressant, ect., it can formulate various Additive Package such as PCMO Gasoline Engine Oil Additive Package, HDEO Diesel Engine Oil Additive Package, Hydraulic Oil Additive Package, Gear Oil Additive Package, 4T Motorcycle Oil Additive Package, ect.

●Product Technical Index

Item	Typical	Test Method
Value 1015	Density (20℃), kg/m ³	ASTM D4052
Kinematic Viscosity (100℃), mm ² /s	25	ASTM D445
Flash Point (COC),	Item	ASTM D92
Total Base Number, mgKOH/g	165	ASTM D2896
Ca Content, m%	6.6	ASTM D4951
S Content, m%	1.9	ASTM D1552
Water Content, m%	0.05	ASTM D95

Package/Storage/Transportation:

Package:Packed in 200 liters iron drum or according to user's requirement.

Transportation:Transportation mode is by container or truck. The maximum storage temperature shall not exceed 45℃.

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



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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.