

## Detergent

## T106 High Base Number Synthetic Calcium Sulfonate

## Product Introduction

T106 high base number synthetic calcium sulfonate is one of the series of petroleum additives developed by us through technical cooperation with Sinopec Research Institute of Petroleum Processing. It's mainly made from heavy alkyl benzene sulfonate by means of neutralization and high-base reaction. As a major metal detergent, this product has excellent acid neutralization capacity, good anti-rust property and high-temperature detergency, so it is widely used for different engine oil.

## Product Characteristics

- Strong acid neutralization ability
- Good oil solubility
- Good detergency
- High alkali reserve property
- Good anti rust performance

## Specification

Item	Typical Value	Test Method
Appearance	Red-brown Viscous Liquid	Visual
Density(20°C), kg/m <sup>3</sup>	1100-1150	SH/T0604,ASTM D4052
Kinematic Viscosity(100°C), mm <sup>2</sup> /s	25.0-60.0	GB/T265,ASTM D 445
Flash Point (COC), °C	≥ 180	GB/T3536,ASTM D92
TBN, mgKOH/g	≥ 295	SH/T0251,ASTM D2896
Calcium, m%	≥ 11.5	GB/T17476,ASTM D5185
Sulfur, m%	≥ 1.25	GB/T17476,ASTM D5185
Water, m%	≤ 0.2	GB/T260,ASTM D95
Mechanical Impurities, m%	≤ 0.1	GB/T511