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## Detergent Overbased TBN Booster Synthetic Calcium Sulfonate

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### ●Product Introduction

TBN Booster 300 Synthetic Calcium Sulfonate is one of the sulfonate salt series lubricant additives products. It's mainly made from long-chain alkylbenzene sulfonic acid by means of neutralization and high alkalization reaction. This is a main metal detergent, and boasts excellent acid neutralization capacity, antirust property and high-temperature detergency, so it is widely used for different ICE oil.

### ●Product Technical Index

Item	Typical Value	Test Method
Appearance	Red Brown Transparent	Visual Inspection
Flash Point (COC), °C	205	ASTM D92
Kinematic Viscosity (100°C), mm <sup>2</sup> /s	45	ASTM D445
Density (20°C), kg/m <sup>3</sup>	1110	ASTM D4052
Total Base Number, mgKOH/g	311	ASTM D2896
Ca Content, m%	12.0	ASTM D4951
S Content, m%	1.52	ASTM D1552
Water Content, m%	0.03	ASTM D95

### ●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 45°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.