

Basic Barium Dinonylnaphthalene Sulfonate Chorus BSB

Introduction

Basic barium dinonylnaphthalene sulfonate (Chorus BSB) is a versatile oil-soluble anti-rust additive used in rust preventive formulations.

It has excellent anti-rust and anti-corrosion properties for ferrous metals.

It has good oil-soluble stability and excellent demulsibility.

It has an alkalinity reserve in the form of barium hydroxide $Ba(OH)_2$ with a base value of approximately 45mgKOH/g to neutralize acidic components in lubricant oil.

Chorus BSB has a base value from barium hydroxide, which can result in slight corrosion to copper and some nonferrous metals.

In some extreme-pressure oil formulations, Chorus BSB may slightly affect the oil's extreme-pressure performance.

Application

Rust and corrosion inhibitor for various mineral oils, synthetic oil and grease.

Countertype of KING NA-SUL BSB

Specifications

Item	Typical Value	Test Method
Appearance	Clear Brown Viscous Liquid	Visual
Viscosity(100°C), mm ² /s	≤100	GB/T265/ISO3104
Water Content, %	≤0.2	GB/T260/JISK0068
Barium Content, %	≥ 11.5	GB/T 2433/JISK2272
Color (diluted),	≤5.0	GB/T6540/ISO2049
Flash Point(COC), °C	≥160	GB/T3536/ISO2592
Density(15°C), g/cm ³	≥1.00	GB/T2540/ASTMD4052
TBN mgKOH/g	35-55	GB/T7304/ASTMD4739

Storage: Store in a cool,dry place away from any direct source of heat and moisture. Maximum recommended storage temperature is 45°C.

Shelf life: 3 years. If beyond the storage period, it can still be used after passing the test.

Package: N.W. 180kg / 200L drum.