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## Barium Petroleum Sulfonate Lubricant Oil Rust Inhibitor

### ●Product Introduction

It is a neutral sulfonate with high molecular weight. It has excellent demulsibility, clean and optimized antirust property, and is used for preparing industrial lubricating oil, lubricating grease, hydraulic oil, water-proof rust-proof oil and various protective oil products. Since it does not create spots on the metal surface, it is an ideal component of a high-grade rust-resistant formulation.

It is an important Lubricant Additive Component, when blended with Ashless Dispersant, Corrosion Inhibitor ZDDP, High Temperature Antioxidant, TBN Booster Calcium Sulfonate, Antiwear EP Additive, Viscosity Index Improver, etc., it can prepare different Additive Package.

### ●Product Technical Index

| Item  | Typical Value | Test Method |
|---|---------------|-------------|
| Flash Point (COC), °C                           | 208           | ASTM D92    |
| Kinematic Viscosity (100°C), mm <sup>2</sup> /s | 36            | ASTM D445   |
| Density (20°C), kg/m <sup>3</sup>               | 0.974         | ASTM D4052  |
| Total Base Number, mgKOH/g                      | 8.7           | ASTM D2896  |
| Ba Content, m%                                  | 6.67          | ASTM D4951  |
| Ba Sulfonate Content, m%                        | 50            | ASTM D95    |

### ●Application:

When blended with other Rust Preventative Anti-rust Additive, it can produce various anti-rust oil.

### ●Features

1. The combination of alkyl benzene with narrow molecular weight distribution was optimized.
2. The precisely controlled sulfonation process, very low free acid ensures the very low inorganic salt content, to reduce the residual oil spot at lowest
3. Precision neutralization filtration process, ensure excellent oil compatibility and transparency.
4. Very light color.excellent oil solubility and transparency with all kinds of acid rust inhibitor.