

## Zinc Dinonylnaphthalene Sulfonate

### Chorus-ZS

#### Introduction

Zinc Dinonylnaphthalene Sulfonate (Chorus-ZS), is an excellent oil-soluble anti-rust additive and anti-emulsifier, it is used as a rust inhibitor in various rust preventive oils and anti-rust grease.

It is well compatible with other functional oil additives and when combined with zinc dialkyl dithiophosphate (ZDDP), it increases the rust-preventive performance of the anti-rust fluid products.

Chorus-ZS has excellent demulsibility, it is very suitable for various lubricant oils if water resistance is required.

#### Countertype of KING NA-SUL ZS

#### Specifications

Item	Typical Value	Test Method
Appearance	Clear Brown Viscous Liquid	Visual
Effective content, %	40.0~42.0	GB/T5173/ASTMD3049
Viscosity(100°C), mm <sup>2</sup> /s	24.0~90.0	GB/T265/ISO3104
Water content, % ≤	1.80	GB/T260/JISK0068
Zinc content, %	2.50~3.00	SH/0226
Color (diluted), ≤	5.0	GB/T6540/ISO2049
Flash point(open), °C ≥	160	GB/T3536/ISO2592
Density(20°C), g/cm <sup>3</sup>	0.92~1.00	GB/T2540/ASTMD4052
Chlorine content PPM, ≤	20	Microcoulometric

**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.