



Technical Data Sheet

Product Name:	zinc bis(dinonylnaphthalenesulphonate)
CAS:	28016-00-4
Chemical Formula:	C ₅₆ H ₈₆ O ₆ S ₂ Zn

Feature

Neutral Zinc dinonylnaphthalene sulfonate which is excellent oil-soluble rust inhibitor suited to formulate different kinds of lubricants and greases. InPro ZNS exhibits outstanding demulsifiability, oxidative stability, wear and water resistance. It is complied with EU regulation of restricted use of heavy metal.

Advantage

- 1、Excellent resistance to salt fog and humidity
- 2、Excellent demulsification
- 3、Synergy with anti-oxidant, like amine phenolic or ZDDP
- 4、Excellent filterability

Application

	Recommended dosage
Counter rust oil	1.00% - 15.0%
Hydraulic oil (L-HM, Denison HF-0)	0.05% - 0.5%
Grease	0.50% - 3.0%
Gear oil (L-CKD, GL-5)	0.10% - 1.0%

Specification

Item	Specification	Test method
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Unilong Industry Co., Ltd

Add: No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China

Zinc content, %	2.5-3.0	GB /T0297- 1992
Density, 20C, g/cm ³	0.960- 1.000	GB /T2540
KV@100C, mm ² /s	24-39	GB /T265- 1988
Flash point (COC), °C	≥160	GB /T3536-2008
Water content, %	0- 1.8	GB /T260- 1977
Mechanic impurity, %	≤0.1	GB /T511- 1988
Humid cabinet, hour	≥96	GB /T2361- 1992
Oil solubility	Qualified	Visul a
Colour	0-5	ASTM D 1500
Cloud point	Qualified	
Appearance	Brown transparent viscous liquid	Visul b

a. Add 5% sample to 150N base stock in the beaker and stirring till complete dissolving. 24 hours later, observe whether there is white sediment or suspension.

b. Pour samples into glass tube (30-40mm diameter, 120-130mm height) up to the height of 2/3. Observe its appearance.

Package and Storage

200kg of iron drum. Advised to be stored in a dry, cool place at the temperature of less than 50°C .
Best to use within 2 years from the manufacturing date.

Safety Instruction

Avoid the direct contact with eyes, face and skin. Please refer to MSDS for more information.