

ONYX 7002

Zinc Butyl Octyl Primary Alkyl Dithiophosphate (ZDDP).

DESCRIPTION:

ONYX 7002 is Zinc Butyl Octyl Primary Alkyl Dithiophosphate (ZDDP). This product features excellent oxidation resistance, corrosion resistance, and anti-wear and extreme pressure properties, particular high thermal stability, and favorable oil solubility, additive compatibility, and resistance to emulsification. It can be compounded with sulfonate detergents and dispersants to apply in high-grade diesel engine oils, or compounded with other additives to apply in anti-wear hydraulic oils. The dosage is 0.5%-3.0%.

PHYSICAL / CHEMICAL CHARACTERISTICS

Parameters	Specifications	Test Method
Appearance	Light yellow to amber transparent liquid	Visual Inspection
Color Number	≤2.0	ASTM D1500
Flash Point (COC), °C	≥180	ASTM D92
Kinematic Viscosity (100°C), mm ² /s	Report	ASTM D445
Density (20°C), kg/m ³	1060-1150	ASTM D4052
S Content, m%	14.0-18.0	ASTM D1552
P Content, m%	7.2-8.5	ASTM D4951
Zn Content, m%	8.5-10	ASTM D4951
Moisture, m%	≤0.03	ASTM D95
Mechanical Impurities, m%	≤0.07	ASTM D473

Package, Storage and Transportation

The product is packed with iron barrels, suitable for all means of transport. For storage and transportation temperature, it shall not surpass 45°C. The product is offered with a guarantee period of two years. In case of accidental contact with skin, wash it off thoroughly with water and detergents.