

ONYX 7002

Zinc Butyl Octyl Primary Alkyl Dithiophosphate

DESCRIPTION

ONYX 7002 is Zinc Butyl Octyl Primary Alkyl Dithiophosphate lubricant additive. This product features excellent oxidation resistance, corrosion resistance, anti-wear and mild extreme pressure properties. It has high thermal stability, favorable oil solubility and compatibility to other lubricant additives. ONYX 7002 can be compounded with sulfonate detergents and dispersants to formulate high-grade engine oils, or blended with other additives to make anti-wear hydraulic oils.

PHYSICAL / CHEMICAL CHARACTERISTICS

Parameters	Test Methods	Specifications	Typical Values
Flash Point, °C	ASTM D92	≥180	200
Viscosity@ 100°C, cSt	ASTM D445	TBR	10.5

GENERAL HANDLING INSTRUCTIONS

Neoprene or nitrile rubber gloves and safety goggles should be worn for handling. Maximum handling temperature is 60°C. Material safety data sheet should be consulted for specific information and for information on health and safety.

Temperature Recommendations

Unloading:	Temperature	
Pumping temperature	40°C	104°F
Maximum temperature	50°C	122°F
Storage:		
Maximum temperature for long term storage	40°C	104°F
Blending:		
Max. Base oil temperature for mechanical or in-line mixing	60°C	140°F

Equipment Recommendations

Type of Pump	Positive Displacement
Type of transfer line	Ball lunched, Insulated, Steam Traced Using 107°C/225F Steam Max.
Transfer Line Size	2-3inch/5-8cm.

Heat Source

Type	Steam 107°C/225°F max.
Storage Tank	-

NOTE

If you require further information, please contact your regional Onyx representative.