

ONYX 7020

Medium Base Alkyl Calcium Salicylate

DESCRIPTION

ONYX 7020 is a medium base alkyl calcium salicylate lubricant additive with a wide application range. This product has excellent high temperature detergency, hydrolytic stability, antioxidant and corrosion resistance properties. It is widely used in gasoline engine oils, heavy duty diesel engine oils and marine oils. ONYX 7020 is a metal detergent and boosts acid neutralization, anti-corrosion and high-temperature detergency properties.

PHYSICAL / CHEMICAL CHARACTERISTICS

Parameters	Test Methods	Specifications	Typical Values
Viscosity@ 100°C, cSt	ASTM D445	-	TBR
BN, mgKOH/g	ASTM D2896	min 160	>160
Flash Point, °C	ASTM D92	≥180	TBR
Density @20 °C, Kg/L	ASTM D4052	900-1050	TBR

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	60°C	140°F
Maximum temperature	60°C	140°F
Storage:		
Maximum temperature for long term storage	45°C	113°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	Suction Heater Recommended for cold climates

NOTE

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