

ONYX 7040

OVERBASED SYNTHETIC CALCIUM SULFONATE

DESCRIPTION

ONYX 7040 is a highly alkaline detergent and corrosion inhibitor additive with a very good stability at high temperatures. The product has excellent alkaline reserve property, good oil solubility and strong acid neutralization capability. Its excellent detergency prevents deposits in engines operating at high temperatures. ONYX 7040 is a preferred additive for blending automotive and marine lubricants.

PHYSICAL / CHEMICAL CHARACTERISTICS

Parameters	Test Methods	Specifications	Typical Values
Viscosity@ 100°C, cSt	ASTM D445	-	TBR
BN, mgKOH/g	ASTM D2896	min 395	415
Flash Point, °C	ASTM D92	≥180	TBR
Density @20 °C, KG/L	ASTM D1298	1050-1150	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 very cold climate

NOTE

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