

ONYX 7030

OVERBASED SYNTHETIC CALCIUM SULFONATE

DESCRIPTION

ONYX 7030 is a Overbased Synthetic Calcium Sulfonate of the sulfonate salt series lubricant additives products. It is made from long-chain alkylbenzene sulfonic acid by means of neutralization and high alkalization reaction. It boosts acid neutralization capacity, anti-rust property and high-temperature detergency, so it is widely used in different engine oils as detergent.

PHYSICAL / CHEMICAL CHARACTERISTICS

Parameters	Test Methods	Specifications	Typical Values
Viscosity@ 100°C, cSt	ASTM D445	-	TBR
BN, mgKOH/g	ASTM D2896	min 295	300
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

NOTE

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