

ONYX 7072

Super Overbased Synthetic Magnesium Sulfonate

DESCRIPTION

ONYX 7072 (Super Over-based Synthetic Magnesium Sulfonate) which is one of the detergent lubricant additives. As a core metal detergent additive, it provides excellent acid neutralization capacity, good anti-rust property and high-temperature detergency. It is widely used for blending different engine oils.

Parameters	Test Methods	Specifications	Typical Values
Viscosity@ 100°C, cSt	ASTM D445	-	TBR
BN, mgKOH/g	ASTM D2896	min 395	400
Flash Point, °C	ASTM D92	≥180	200
Density @20 °C, KG/L	ASTM D1298	1150-1250	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.