

ONYX 54300

Heavy Duty Mobile Gas Engine Oil Additive Package

DESCRIPTION

ONYX 54300 is a medium ash mobile heavy-duty natural gas engine oil additive package. It provides improved performance for mobile heavy-duty engines fueled with Compressed Natural Gas (CNG) or Liquefied Natural Gas (LNG). Oils formulated with ONYX 54300 demonstrate improved oxidation & nitration control in addition to outstanding wear and deposit control.

RECOMMENDED DOSAGE & PERFORMANCE

At a recommended treat rate, the finished lubricant meets the following performance levels in appropriate GII or GIII base oils.

Performance level	SAE Grades	Treat Rate, Wt. %
API CF-4 Cummins CES20085 DDC 93K216	5W-40, 10W-40, 15W-40, 20W-50	8.2

PHYSICAL / CHEMICAL CHARACTERISTICS

Parameters	Test Methods	Specifications	Typical Value
Viscosity@ 100°C, cSt	ASTM D445	-	TBR
BN, mgKOH/g	ASTM D2896	min 70	79
Flash Point, °C	ASTM D92	>180	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	70°C	158°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.