

ONYX 57000

Automotive Engine Oil Additive Package

DESCRIPTION:

ONYX 57000 is a high-performance PCMO package designed for main tier API categories from API SL/CF-4 down to API SB/CB. It also meets the performance requirements of JASO MA 2 for four-stroke motorcycle applications at specific booster treat rates.

PERFORMANCE:

When blended with appropriate base stock(s) and viscosity modifiers, the formulated lubricant meets the following performance levels.

Performance	Mass%	BN
SL/CF-4	6.35	7.0
SL/CF	6.0	6.8
SL, *JASO MA 2	5.25	6
SJ, *JASO MA2	4.77	5.4
SG/SF/CD	4.60	5.2
SG/SF/CC, *JASO MA 2	4.30	5
SE/CC	3.99	4.5
SC/CC	2.22	2.5
SC/CB	2.22	2.5
SB/CB	2	2.3

*Contact ONYX representative for information on booster dosage for JASO claims.

PHYSICAL / CHEMICAL CHARACTERISTICS

Parameters	Test Methods	Specifications	Typical Value
Viscosity@ 100°C, cSt	ASTM D445	Report	65
BN, mgKOH/g	ASTM D2896	min 100	113
Flash Point (PMCC), °C	ASTM D93	>180	Report

The above characteristics are provided to indicate the typical values measured on the product.

GENERAL HANDLING INSTRUCTIONS:

Neoprene or nitrile rubber gloves and safety goggles should be worn for handling. 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	70°C	158°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.