

# ONYX 6600

## Automotive Gear Oil Additive Package

### DESCRIPTION

ONYX 6600 is a multifunctional gear oil additive used to formulate high load carrying, low wear, energy saving lubricants for automotive gear and bearing applications. Oils formulated with ONYX 6600 have excellent oxidative and thermal stability.

### Recommended Dosage

#### Automotive:

- At a recommended treat rate of 4.4 % by weight, the finished lubricant will meet API GL-5, MT-1 MIL L 2105 D/PRF 2105 E, MAN 342 M2 (160,000 km. drain) ZF TE -ML 05A, 7A, 12E, 16B, C & D, 17B, 19B, 21A
- At a recommended treat rate of 2.2 % by weight, the finished lubricant will meet GL-4.

#### Industrial

- At a recommended treat rate of 1.5 % by weight, the finished lubricant will meet AISE 224, David Brown S1.53.101(E) AGMA 9005-F16 (AS) and strong FAG FE-8 performance

### PHYSICAL / CHEMICAL CHARACTERISTICS

Physical / Chemical Properties	Specification	Results	Test Methods
Flash Point (COC), °C	70 - 140	TBR	ASTM D92
Moisture	<0.03	0.02	ASTM D6304
Sulphur, % Wt	> 24	26	ASTM D4951
Phosphorus % Wt	> 1.2	2.5	ASTM D4951
Copper Corrosion	max 1b	1a	ASTM D130

### Package

The product is packed with iron barrels, suitable for all means of transport.

### 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**

<b>Unloading:</b>	<b>Temperature</b>	
Pumping temperature	40°C	104°F
Maximum temperature	50°C	122°F
<b>Storage:</b>		
Maximum temperature for long term storage	40°C	104°F
<b>Blending:</b>		
Max. Base oil temperature for mechanical or in-line mixing	50°C	122°F