

# ONYX P-1501

## Polymethacrylate Based Pour Point Depressant

### DESCRIPTION & APPLICATION:

ONYX P-1501 is a PMA based pour point depressant/ flow improver that provides the most cost-effective solution to keep your automotive lubricants flowing in cold. It provides the versatility you need to effectively treat the wide range of new generation base stocks available in the market today and thus permits product rationalization. It is highly recommended for use in a wide variety of engine oils, gear oils, hydraulic and transmission fluids.

### PHYSICAL / CHEMICAL CHARACTERISTICS

| Physical Characteristics | Specifications       | Test Methods |
|--------------------------|----------------------|--------------|
| Appearance               | Amber to Yellow      | Visual       |
| Clarity                  | Clear to slight hazy | Visual       |
| Sp. Gravity@ 50°C g/ml   | 0.865 – 0.920        | ASTM D1298   |
| Flash Point (COC) °C     | min 180              | ASTM D92     |
| Viscosity @ 100°C, cSt   | 300 - 500            | ASTM D445    |

### Typical Dosages in Finished Lubricants:

Depending on the degree of depression desired and pour point of the base oil to be treated, the typical dosages would range as follows:

Engine oils : 0.05 – 0.6 % w/w  
Gear Oils : 0.20 – 1.0% w/w

### Base Stock Solubility and Compatibility:

ONYX P-1501 is completely soluble in all new generation base stocks at any concentration. In finish lubricants they are compatible with other commonly used additives.

### Packaging:

Packed in metal drums.  
Store in a dry, clean and well-ventilated storage area. For the details of health and safety precautions, please see the related Material Safety Data Sheet.

### 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.