

## ConocoPhillips 1000 Gear Oil AGMA Lubricant No. 8AEP

Category : Fluid , Lubricant

**Material Notes:**

Description: Conoco Gear Oil is a heavy-duty extreme-pressure industrial gear lubricant formulated from high-quality hydrocracked base stocks to provide excellent oxidation inhibition, EP load-carrying capacity, resistance to foaming and rust and corrosion protection. Gear Oil is recommended for use in a variety of enclosed gear set types operating under demanding conditions. Gear Oil has been tested and formally approved by Cincinnati Milacron in accordance with its Lubricant Specifications (ISO 68 to 1000, respectively – P-63, 76, 77, 74, 59, 35 and 78). Gear Oil exceeds the latest AGMA Specification 9005 (replacement for 250.04) and U.S. Steel 224 Specification for enclosed gear lubricants. Gear Oil "M" series are specially formulated for use in enclosed gear sets equipped with mist lubrication systems and are approved by Aluminum Company of America (Alcoa) in accordance with its Lubricant Specifications. Information provided by ConocoPhillips.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ConocoPhillips-1000-Gear-Oil-AGMA-Lubricant-No-8AEP.php](http://www.lookpolymers.com/polymer_ConocoPhillips-1000-Gear-Oil-AGMA-Lubricant-No-8AEP.php)

| Physical Properties                  | Metric     | English                   | Comments                       |
|--------------------------------------|------------|---------------------------|--------------------------------|
| Density                              | 0.924 g/cc | 0.0334 lb/in <sup>3</sup> |                                |
| Viscosity Measurement                | 75         | 75                        | Viscosity Index                |
| Saybolt Viscosity at 100°F           | 4800 SUS   | 4800 SUS                  |                                |
| Saybolt Viscosity at 210°F           | 188 SUS    | 188 SUS                   |                                |
| Kinematic Viscosity at 40°C (104°F)  | 1000 cSt   | 1000 cSt                  |                                |
| Kinematic Viscosity at 100°C (212°F) | 40 cSt     | 40 cSt                    |                                |
| Oxidative Stability                  | 2500 hour  | 2500 hour                 | Oxidation Control; ASTM D-2893 |
| ASTM Color                           | 6.5        | 6.5                       |                                |

| Mechanical Properties                 | Metric   | English       | Comments |
|---------------------------------------|----------|---------------|----------|
| Four Ball Extreme Pressure, Weld Load | 250 kg   | 551 lb (mass) |          |
| Four Ball Wear                        | 0.350 mm | 0.0138 in     |          |
| Timken Test                           | 27200 g  | 60.0 lb       |          |

| Thermal Properties | Metric  | English | Comments |
|--------------------|---------|---------|----------|
| Pour Point         | 1.67 °C | 35.0 °F |          |
| Flash Point        | 238 °C  | 460 °F  |          |

| Descriptive Properties             | Value      | Comments                     |
|------------------------------------|------------|------------------------------|
| Copper Corrosion                   | 1A         |                              |
| Emulsion                           | 0          |                              |
| Emulsion Characteristics (40-40-0) | 50 minutes | ASTM D-1401                  |
| Foam Control (Sequence I,II,III)   | 0-0-0      |                              |
| Free Water, Total                  | 85 ml      | ASTM D2711                   |
| FZG                                | 12         | ASTM D5182, pass, load stage |
| Water in Oil                       | 0.6 %      | ASTM D2711                   |

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