



**OUR BUSINESS IS HEAVY DUTY LUBRICANTS**

Tel: (305)681-6110 Fax: (305)681-0906 / Miami, FL 33167 www.PETRO-FLORIDA.com

## PRODUCT SPECIFICATIONS & TECHNICAL DATA

### PETROFLO NATURAL GAS ENGINE OILS SAE 30,40

**PETROFLO NATURAL GAS ENGINE OILS**, are low ash engine oils that offer a technology that can accommodate the diverse oil requirements of most stationary natural gas engines. Additionally, the phosphorous levels **PETROFLO NATURAL GAS ENGINE OILS** to be utilized in natural gas engines, equipped with current model catalytic converters. **PETROFLO NATURAL GAS ENGINE OILS** possess API CC performance credentials. **PETROFLO NATURAL GAS ENGINE OILS** are particularly suitable for use in Dresser-Rand (four stroke, and two stroke), Cooper-Bessemer, Cooper-Superior, Caterpillar, and Waukesha engines.

#### Applications Features / Benefits

- Meets exact Ash requirements for Waukesha, Worthington, Caterpillar, Delaval Enterprise, Dresser-Rand Categories I, II, and III (SAE 30), Superior.
- Low phosphorous for catalytic converter compatibility. Engelhard, a major catalyst manufacturer, requires 0.03% wt. Max. phosphorous
- Passes L-38 for API CC performance
- Improved oxidation/nitration resistance, Provide excellent protection against piston, ring, and liner scuffing, scoring, and wear.
- Meets Caterpillar requirements for TBN Min. 5.0

#### Typical Properties

<b>SAE Grade</b>	<b>30</b>	<b>40</b>
<b>Viscosity @ 40 °C</b>	<b>100</b>	<b>142.5</b>
<b>Viscosity @ 100 °C</b>	<b>10.65</b>	<b>15.15</b>
<b>Viscosity @ 100 F. SUS</b>	<b>524</b>	<b>744</b>
<b>Viscosity @ 210 F. SUS</b>	<b>62.6</b>	<b>80.3</b>
<b>Viscosity Index</b>	<b>106</b>	<b>102</b>
<b>Flash Point © (F.)</b>	<b>232 (450)</b>	<b>235 (455)</b>
<b>Pour Point © (F.)</b>	<b>-29 (-20)</b>	<b>-25 (-15)</b>
<b>Gravity, API</b>	<b>27.2</b>	<b>25.8</b>
<b>Specific Gravity @ 60 F.</b>	<b>0.8916</b>	<b>0.8996</b>
<b>Sulfated Ash % wt.</b>	<b>0.41</b>	<b>0.41</b>
<b>TBN ( ASTM D-2896)</b>	<b>5.1</b>	<b>5.1</b>
<b>Phosphorous</b>	<b>0.03</b>	<b>0.03</b>
<b>Zinc</b>	<b>0.03</b>	<b>0.03</b>

The above analyses are typical inspections only and the finished product may vary from batch to batch.