



## SUNOCO PREMIUM LOW ASH NATURAL GAS ENGINE OILS

### OVERVIEW

SUNOCO PREMIUM LOW ASH NATURAL GAS ENGINE OILS are high performance formulations designed for high-output 4-cycle and some 2-cycle natural gas engines. They have a balanced and field-proven additive system that provides excellent deposit, sludge and wear protection during high stress service. Excellent high temperature piston deposit performance helps maintain an engine's peak performance and preserves ring face and liner honing. The use of supplementary antioxidants mitigates the impact of high temperature blow-by gases on viscosity and extends oil life. The advanced detergent system used provides excellent valve, seat and guide protection while minimizing catalyst plugging. SUNOCO PREMIUM LOW ASH NEGOS combats oil degradation and provide protection in a high temperature acidic environments, making them recommended for use in engines fueled by LPG or natural gas, engines used in crude oil and gas transmission pipelines, power generations, gas compressors, as well as well drilling rigs and water pumps.

### FEATURES & BENEFITS

SUNOCO PREMIUM LOW ASH NEGOS help maximize engine run time, provide for outstanding engine cleanliness, have excellent valve recession and piston deposit control and resist TBN and viscosity degradation. SUNOCO PREMIUM LOW ASH NEGOS can provide extended drain intervals with proper testing, have improved low temperature performance and are compatible with catalyst systems.

### TYPICAL PROPERTIES

|                         |       |       |
|-------------------------|-------|-------|
| Product Code            | 7013  |       |
| Product                 | LA-40 | LA-30 |
| SAE Viscosity           | 40    | 30    |
| Viscosity, cSt @ 40 °C  | 125   | 100.0 |
| Viscosity, cSt @ 100 °C | 13.3  | 11.5  |
| Viscosity Index         | 100   | 101   |
| Gravity, ° API          | 29    | 29.0  |
| Flash Point, °C         | 270   | 257   |
| Pour Point, °C          | -27   | -30   |
| Sulfated Ash, wt.%      | .50   | .50   |
| TBN, ASTM D 2896        | 6.1   | 6.1   |

### APPLICATIONS

SUNOCO PREMIUM LOW ASH NEGOS are formulated with low sulfur Group II base oils combined with a robust additive system containing ashless dispersant, oxidation and corrosion inhibitors, antifoam and anti-wear agents. These oils meet the performance requirements of major engine manufacturers such as Caterpillar, Deutz-MWM, Guascor, Jenbacher, Wartsila, Waukesha and other turbocharged and naturally aspirated low ash four stroke engines. NEGOS meet API CD/CF performance in stationary gas engines. NEGOS is recommended for Dresser Rand Categories I, II and III applications.

### SPECIFICATIONS

Caterpillar, Deutz-MWM, Guascor, Jenbacher, Wartsila, Waukesha and other turbocharged and naturally aspirated low ash four stroke engines.

Meets API CD/CF