

## GEO

### PREMIUM ASHLESS

TruGuard Premium Ashless Gas Engine Oils are formulated to provide excellent control of deposits, wear, oil oxidation and oil nitration in naturally aspirated and turbocharged 2 cycle natural gas engines and light duty 4 cycle engines. They are available in both viscosity grades of SAE 30 and SAE 40 and a multigrade of SAE 15W-40.

#### BENEFITS:

- Maximum protection against spark plug fouling.
- Bright stock free.
- Use high viscosity index base stocks.
- Are suitable for use in compressor cylinder lubrication.
- Provide excellent resistance to oil oxidation.
- Multigrade provides excellent low temp performance.

#### APPLICATION:

TruGuard Premium Ashless Gas Engine Oils are oils that minimize deposits on valves, pistons crowns, and in the combustion chamber. They provide excellent copper-lead bearing corrosion protection; minimize port deposits, thus extending port cleaning intervals and reducing maintenance costs. TruGuards Premium Ashless Oils provide exceptional engine cleanliness under both high and low temperature operating conditions. These oils minimize viscosity increase and do not contribute to pre-ignition. TruGuard Premium Ashless Oils meet the requirements for Dresser-Rand Categories I and II, as well as requirements for other leading gas engine manufacturers requiring ashless type engine oils.

#### TYPICAL PROPERTIES

Test	15w40	30	40
API Gravity @ 60F	30.5	30.1	29.1
Viscosity, cSt @40C	103.7	100	120.4
Viscosity, cSt @100C	13.8	11.7	12.9
VI	130	100	100
Cold Cranking Viscosity @ -20C	6800	N/A	N/A
Phosphorus (ppm)	700	700	700
TBN	0.7	0.7	0.7
Sulfated Ash	<0.1	<0.1	<0.1
Color	3.0	2.0	L 2.5
Pour, C (F)	-23 (-11)	-30 (-22)	-23 (-11)
Flash, C (F)	228 (443)	260 (500)	272 (522)

#### Order Numbers

Available in:	15W-40	30	40
BULK	5251800	5251700	5251100