



# Product Bulletin

## **GULFCO<sup>®</sup> LOW ASH STATIONARY GAS ENGINE OILS**

**Gulfc<sup>®</sup> Low Ash Stationary Gas Engine Oils** are designed to provide outstanding lubrication of naturally aspirated and turbocharged 4-stroke cycle engines burning natural gas. The advanced additive system used in **Gulfc<sup>®</sup> Low Ash Stationary Gas Engine Oils** has shown exceptional field test performance in gas engines used in demanding service applications such as compression and transmission of natural gas, and power generation. This unique additive technology offers enhanced control of oxidation and nitration, improved deposit prevention, increased anti-wear and corrosion protection and excellent resistance to foaming.

### **FEATURES AND BENEFITS:**

#### **Gulfc<sup>®</sup> Low Ash Stationary Gas Engine Oils:**

- Offer exceptional anti-wear protection to prevent piston and cylinder scuffing as well as valve seat recession
- Can help extend service intervals by reducing oil degradation and viscosity increase due to oxidation and nitration
- Feature premium quality paraffinic base oils and a proven, field tested additive system
- May be used in engines equipped with catalytic converters (low phosphorous)
- Are available in SAE 30, SAE 40 and SAE 15W-40 viscosity grades to meet a wide range of applications and needs.

### **APPLICATIONS:**

**Gulfc<sup>®</sup> Low Ash Stationary Gas Engine Oils** are suitable for use in natural gas engines and their integral compressors where a low ash formulation is specified.

They are especially recommended for use in Waukesha 7077/7042 and Caterpillar 3500/3600 series engines. Always follow equipment manufacturers' recommendations for appropriate applications and viscosity grade.



**AMERICAN REFINING GROUP, INC.**

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**AVAILABILITY:**

**Gulfc<sup>®</sup> Low Ash Stationary Gas Engine Oils** are available throughout Gulf's marketing area. Your Gulf representative or Gulf jobber can provide specific information. Need additional information? Call Gulf @ 1-800-566-GULF (4853).

### **Gulfc<sup>®</sup> Low Ash Stationary Gas Engine Oils - Typical Properties**

<b>SAE Grade</b>		<b>15W-40</b>	<b>30</b>	<b>40</b>
Product Code	<b>Test Method</b>	335479	335480	335481
Viscosity, cSt @ 40°C	ASTM D-445	107.0	92.8	132
Viscosity, cSt @ 100°C	ASTM D-445	14.2	11.0	13.6
Viscosity, SUS @ 100°F	ASTM D-2161	525	490	690
Viscosity, SUS @ 210°F	ASTM D-2161	74.0	63.0	71
CCS, cP @ -20°C	ASTM D-5293	6,300	N/A	N/A
MRV, cP @ -25°C	ASTM D-4598	26,000	N/A	N/A
Viscosity Index	ASTM D-2270	132	102	98
Color	ASTM D-1500	3.0	L 3.0	L 3.0
Pour Point, °F (°C)	ASTM D-5949	-32.8 (-36)	-17 (-27)	0 (-18)
Flash Point, COC, °F (°C)	ASTM D-92	425 (218)	450 (232)	450 (232)
TBN	ASTM D-974	5.2	5.2	5.2
Sulfated Ash, mass %	ASTM D-874	0.45	0.45	0.45
Phosphorus, mass %	Calculated	.032	.032	.032
API Gravity, 60°F	ASTM D-1298A	29.9	28.6	27.9
Density, lbs/gal (g/L)	Calculated	7.30 (875)	7.36 (882)	7.39 (886)