



Product Bulletin

GULFCO[®] 541

Gulfc[®] 541 is a premier lubricant designed for use in naturally aspirated and turbocharged 2-stroke cycle and select 4-stroke cycle natural gas engines where an ashless (<0.1% sulfated ash) SAE 30 or SAE 40 gas engine oil is specified. Premium quality, low volatility paraffinic (bright stock-free) base oils give **Gulfc[®] 541** outstanding film strength, lubricity and a naturally high viscosity index. The state-of-the-art additive system provides outstanding anti-wear and scuffing protection, excellent resistance to oxidation and nitration, prevention of corrosion, exceptional engine cleanliness and superior deposit control.

FEATURES AND BENEFITS:

Gulfc[®] 541:

- Can extend oil service life by reducing oil oxidation and nitration
- Has a low phosphorous content that makes it suitable for use in engines equipped with catalytic converters
- Contains no bright stock
- Provides exceptional protection against ring, liner and valve wear for longer engine life
- Reduces engine deposit formation
- Can be used where either an SAE 30 or SAE 40 viscosity is specified

APPLICATIONS:

Gulfc[®] 541 is recommended for use in 2-stroke cycle and certain four-stroke cycle natural gas engines where an ashless gas engine oil is recommended. 2-stroke cycle engine manufacturers recommending the use of no ash gas engine oils include Clark (Dresser-Rand), Ajax and Cooper-Bessemer. **Gulfc[®] 541** is not recommended for use in mobile vehicle service where LPG or CNG fuels are used. Always follow equipment manufacturer's recommendations for proper selection of engine oil quality and viscosity grade.



AVAILABILITY:

Gulfc[®] **541** is 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[®] **541** – Typical Properties

SAE Grade		40
Product Code	Test Method	335478
Viscosity, cSt @ 40°C	ASTM D-445	130.0
Viscosity, cSt @ 100°C	ASTM D-445	13.6
Viscosity, SUS @ 100°F	ASTM D-2161	660
Viscosity, SUS @ 210°F	ASTM D-2161	71.0
Viscosity Index	ASTM D-2270	100
Color	ASTM D-1500	2.0
Pour Point, °F (°C) (max)	ASTM D-5949	-5 (-21)
Flash Point, PM, °F (°C) (min)	ASTM D-92	450 (232)
TBN	ASTM D-2896	2.2
Sulfated Ash, mass %	ASTM D-874	0.09
Gravity, API	ASTM D-4052	28.4
Density, lbs/gal (g/L)	Calculated	7.37 (883)