



Product Bulletin



GULFCO[®] GEO 500 Series ASHLESS STATIONARY GAS ENGINE OIL

Gulfc[®] GEO 500 Ashless Oils are high performance, ashless natural gas engine oils formulated with premium additive chemistry and specially selected base stocks that offer excellent oxidation stability that promotes extended oil service life by keeping engines clean and free of power-robbing carbon and varnish deposits.

The **Gulfc[®] GEO 500 Ashless Oil** is carefully formulated to balance dispersancy and anti-wear properties with a high degree of oxidation resistance. The performance additive chemistry is completely ashless, preventing combustion-chamber and spark plug deposits from forming that can result in pre-ignition and loss of engine power.

FEATURES AND BENEFITS

The premium base oils combined with a superior field-proven additive system provides:

- No bright stock
- Good anti-wear performance
- New dispersant technology offers improved corrosion protection
- Minimizes port plugging, combustion chamber and piston ring deposits
- No zinc or metallic detergents – provides ashless chemistry formulation
- Superior protection of naturally aspirated and high output turbocharged 2-cycle and some 4- cycle engines
- Lubricates cylinders and crankcase of reciprocating compressors in the transmission of clean, dry natural gas
- **Gulfc[®] GEO 515** is specially formulated to provide very good cold cranking and pumpability performance in cold weather areas.

APPLICATION

Gulfc[®] GEO 500 Ashless Oil is recommended primarily for use in 2-cycle and certain 4-cycle natural gas engines where a premium ashless (<0.1% sulfated ash) gas engine oil is specified. Engines commonly found in natural gas transmission pipelines, irrigation water pumps and electrical power generation can benefit from the improved wear protection and excellent corrosion resistance offered by this product. 2-cycle engine manufacturers recommending the use of “no-ash” gas engine oils include Ajax, Clark (Dresser-Rand), Cooper-Bessemer, Fairbanks Morse and Worthington.

Always follow equipment manufacture’s recommendations for proper selection of engine oil quality and viscosity grade.

AVAILABILITY

Gulfc[®] GEO 500 Ashless Oil is available throughout Gulf Lubricants marketing area. Your Gulf representative can provide specific information. Need additional information visit Nu-tierbrands.com.

Typical Properties

Product Name	Test Method	Gulfc ^o 515	Gulfc ^o 540	Gulfc ^o 530
SAE Grade		15W-40	40	30
Material Code		335437	335436	335435
Viscosity, cSt @ 40°C	ASTM D-445	97.7	137.0	93.1
Viscosity, cSt @ 100°C	ASTM D-445	13.6	14.2	11.0
Viscosity Index	ASTM D-2270	140	100	103
Sulfated Ash, Mass %	ASTM D-874	<0.1	<0.1	<0.1
Flash Point, °F (°C)	ASTM D-92	440 (227)	460 (254)	460 (254)
Pour Point, °F (°C)	ASTM D-5949	-5 (-15)	10 (-12)	-6 (-21)
Phosphorus, ppm		500	500	500
API Gravity	ASTM D 4052	30.4	29.3	29.9
Density, lbs/gal (g/L)	Calculated	7.28	7.33	7.3