

GEO LA

PRODUCT DESCRIPTION

Bel-Ray® GEO LA is a premium low-ash, detergent, and dispersant engine oil. It is specially formulated for peak performance and ultimate protection in high-output 4-stroke cycle natural gas engines operating under heavy loads and extreme conditions. Bel-Ray® GEO LA, available in SAE 40 and SAE 15W-40, meets and exceeds performance requirements as defined by the API classification CF and major engine manufacturer standards.

PRODUCT FEATURES

- Formulated exclusively with premium group II base stocks for maximum resistance to oxidation.
- Excellent TBN retention delivers extended service intervals
- Advanced detergent system provides maximum valve, seat, and guide protection
- Special ashless dispersants minimize deposits

BENEFITS

- Excellent wear protection for critical engine components
- Maximum resistance to sludge and varnish deposit formation
- Protects against valve stem deposits and valve recession
- Maintains optimum engine cleanliness
- Compatible with engine emission and catalyst systems
- Reduced maintenance and extended engine life

APPLICATIONS

Bel-Ray GEO LA is recommended for high-output, turbocharged, and naturally aspirated natural gas engines found in electrical power generation, gas compressors, irrigation pumps, drilling rigs, and crude oil and gas pipelines, including:

- Caterpillar G3516 & G3600 field tested performance standards
- Cooper-Bessemer 4-Stroke
- Cummins L10, QSK 19-20, 81 & 91
- Deutz MWM Group D & E
- Guascor
- Iveco
- Fairbanks –Morse 4 stroke
- Dresser Rand (I, II, & II)
- Jenbacher Type 4 and 6
- MAN

DISTRIBUTED BY:

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www.belray.com

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TECHNICAL DATA SHEET



- Perkins
- Superior-All except 1700&2400
- Ulstein Bergen
- Wartsila, Waukesha and Worthington

PRODUCT DATA

Typical Properties			
Property	Test Method	40	15W-40
API Gravity @ 60°F	ASTM D4052	29	31
Density @ 15°C (g/mL)	ASTM D4052	0.8822	0.8703
Viscosity @ 40°C (cSt)	ASTM D445	125	127
Viscosity @ 100°C (cSt)	ASTM D445	13.3	15.8
Viscosity Index	ASTM D2270	100	132
Flash Point, °C (°F)	ASTM D92	208 (406)	232 (450)
Pour Point, °C (°F)	ASTM D97	-39 (-38)	-39 (-38)
Total Base Number, mg KOH/g	ASTM D2896	5.8	5.8
Sulfated Ash (Wt %)	ASTM D874	0.47	0.47
Calcium (Wt %)	ASTM D6481	0.122	0.122
Phosphorous (Wt %)	ASTM D6481	0.026	0.026
Zinc (Wt %)	ASTM D6481	0.027	0.027
Pounds per Gallon	ASTM D1250	7.350	7.251

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at www.belray.com

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