



ASHLESS NATURAL GAS ENGINE OIL

Designed For Natural Gas Fueled Engines
Superior Engine Cleanliness and Long Service Life



REV: 08.06.2020



DESCRIPTION

Gard™ Ashless Natural Gas Engine Oils are premium performance SAE gas engine oils for low, medium, and high speed engines where ashless oils are recommended. They also are used in a wide variety of power generating applications where natural gas fuels are economically available.

Gard Ashless Natural Gas Engine Oils provide outstanding cleanliness and protection against piston wear and liner scuffing and keep rings free of varnish buildup. These oils offer outstanding anti-wear protection for engine bearings, valve train, and other internal engine parts. Gard Ashless Natural Gas Engine Oils are designed to provide a high level of chemical and thermal stability resulting in cleaner engines and higher engine performance. These oils are blended from OEM approved additives to minimize valve recession and reduce the possibility of spark plug fouling and pre-ignition. These oils may extend drain intervals and extend filter life according to manufacturer's recommendations.

BENEFITS

- ❑ Outstanding protection for high output engines fueled by natural gas
- ❑ Outstanding antiwear protection for pistons, liners, rings, valves, and other moving parts
- ❑ Ashless formula minimizes valve recession and combustion chamber deposits
- ❑ Reduces sludge formation in top end of engine
- ❑ Suitable for use with fuels containing low sulphur levels
- ❑ Reduces spark plug fouling and pre-ignition

APPLICATION

- Two-stroke cycle and four-stroke cycle natural gas fueled engines requiring ashless oils
- Intended for the lubrication of the crankcase, power cylinders and compressor cylinders of spark-ignited, two- and four-cycle gas engines operating on clean fuel
- Ideal for engines that drive generators for power production or gas compressors in gathering, transmission, storage, and distribution of natural gas
- Excellent break in and anti-scuff protection for high BMEP engines

PERFORMANCE RATING

Cummins L 10, M11

Caterpillar

Dresser-Rand Cat. I, II, III

Cooper-Bessemer

GE Jenbacher

Cooper-Superior

Cartsila

Detroit Diesel 50g

Waukesha

Deutz

Worthington

Delaval Enterprises

TYPICAL PROPERTIES	METHOD	30	40	15W-40
Specific Gravity @15.6°F	D-1298	0.8860	0.8702	0.8681
Viscosity, cSt at 40°C	D-445	94.6	140.8	95.9
Viscosity, cSt at 100°C	D-445	10.9	14.2	13.5
Viscosity, cP at -20°C	D-5283	-	-	5,500
Viscosity Index	D-2270	99	98	141
Total Base Number (TBN)	D-2896	1.1	1.1	1.1
A, % Mass	D-482	0.0	0.0	0.0
Flash Point, °C (°F)	D-92	245 (473)	260 (500)	232 (450)
Pour Point, °C (°F)	D-97	-12 (-10)	-8 (-18)	-20 (-4)



NOTE:

The information on this Product Data Sheet is believed to be accurate and is typical of current production.

Specifications are subject to change without notice.

Health And Safety Information See separate Safety Data Sheets available on request.

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