



The First in Synthetics®



Synthetic Natural Gas Engine Oil SAE (20W) 40

**Formulated to Provide Top Efficiency
in Engines Fueled by Natural Gas**

PRODUCT DESCRIPTION

AMSOIL Synthetic Natural Gas Engine Oil is chemically formulated to deliver unsurpassed protection for natural gas engines. Natural Gas Engine Oil has a low-ash formula with highly effective rust and corrosion inhibitors. It circulates quickly to critical engine components for fast, easy cold-weather engine start-ups and has a very low volatility to remain stable in hot engine conditions. AMSOIL Natural Gas Engine Oil resists the effects of high temperature oxidation much longer than petroleum oils.

Inhibits Rust and Corrosion

Natural gas engines often operate in locations where service is infrequent, and many undergo long periods of inactivity. The rust and corrosion inhibitors in AMSOIL Natural Gas Engine Oil provide protection during periods when the engine is not running or running intermittently.

Improves Spark Plug Reliability

AMSOIL Natural Gas Engine Oil is an extremely low-ash oil, which greatly reduces spark plug fouling and post plugging in two-cycle natural gas engines and virtually eliminates ring belt deposits in four-cycle natural gas engines. In some four-cycle applications, port cleanings have been reduced four-fold.



Maintains Viscosity

Due to its synthetic formulation, AMSOIL Natural Gas Engine Oil is a true SAE 40 oil, yet it passes SAE 20W viscosity specifications for low temperature performance without the use of special additives.

Resists Oxidation and Thermal Breakdown

AMSOIL Natural Gas Engine Oil resists the damaging effects of heat, blowby chemicals and oxidation up to 10 times longer than petroleum oils. Natural Gas Engine Oil neutralizes sludge and acid formation to provide engines with long-lasting performance and reliability.

Performs in Cold Weather

AMSOIL Natural Gas Engine Oil remains fluid in extremely cold temperatures, and it resists the low temperature congealing that often occurs in petroleum oils. Natural Gas Engine Oil ensures instant start-ups, fast oil circulation and superior protection under frigid conditions.

Extended Drain Intervals

AMSOIL Natural Gas Engine Oil may be used for extended drain intervals when monitored by an oil analysis program. Periodic oil analysis should be conducted at the engine manufacturer's recommended drain intervals. Change the oil filter at the recommended engine manufacturer's drain intervals.

MIXING AMSOIL

AMSOIL Synthetic Natural Gas Engine Oil is compatible with conventional petroleum oils and other synthetic lubricants; however, mixing AMSOIL Natural Gas Engine Oil with a petroleum oil will reduce the drain interval of the AMSOIL Natural Gas Engine Oil. Engine oil additives or after-market products are not recommended for use with AMSOIL Natural Gas Engine Oil.

TYPICAL TECHNICAL PROPERTIES

AMSOIL Synthetic Natural Gas Engine Oil (ANG)

Ash Content (ASTM D-874)	0.45%
Kinematic Viscosity @ 100°C, cST (ASTM D-445)	14.3
Kinematic Viscosity @ 40°C, cST (ASTM D-445)	109.1
Viscosity Index (ASTM D-2270)	133
Noack Volatility, % weight loss (g/100g) (ASTM D-5800)	6.5
Flash Point °C (°F) (ASTM D-92)	250 (482)
Fire Point °C (°F) (ASTM D-92)	266 (511)
Pour Point °C (°F) (ASTM D-97)	-39 (-38)
Four-Ball Wear Test (ASTM D-4172B) (40 kgf, 75°C, 1200 rpm, 1 hr.) Scar, mm	0.35

APPLICATIONS

AMSOIL Synthetic Natural Gas Engine Oil is recommended for use in natural gas fueled engines requiring low ash engine oils including the following:

- Ajax
- Buda
- Case International
- Caterpillar
- Clark
- Climax
- Cooper-Bessemer
- Fairbanks-Morse
- Hercules
- Ingersol-Rand
- Minneapolis-Moline
- Onan
- Roiline
- Stewart-Stevenson (Detroit Diesel)
- Superior
- Waukesha
- White
- Worthington

NOTE:

AMSOIL Synthetic Natural Gas Engine Oil should not be used in automotive engines that have been modified to use propane or natural gas.

AMSOIL products and Dealership information are available from your local AMSOIL Dealer.

