

GAS ENGINE OIL N-PLUS

[ASHLESS]

SAE Grade	<u>Typical Properties</u>			
	30	40	15W-30	15W-40
Viscosity, cSt				
At 100° C	11.0	13.6	10.9	14.2
At 40° C	92	125	72	103
Viscosity Index	105	105	141	141
Viscosity, CCS, cP@ -20C			5200	6400
Pour Point, °F/°C	-15/-26	-15/-26	-20/-29	-20/-29
Flash (COC), °F/°C	440/216	480/249	420/216	420/216
Sulfated Ash, % Wt	Nil	Nil	Nil	Nil

The values shown are typical of current production. Some are controlled in the manufacturing process, while others are not. All of them may vary within tolerable ranges.

Gas Engine Oil "N-Plus" is a line of premium performance ashless/dispersant-type oil that provides excellent engine cleanliness and protection to critical engine parts against scuffing and wear. These oils are formulated with quality base stocks and utilize carefully selected additive chemistry that helps retard combustion chamber deposits which can cause spark plug fouling and pre-ignition. Additional benefits can be realized by reduced blade wear in turbocharged engines, thereby increasing efficiency and decreasing maintenance.

APPLICATIONS

Gas Engine Oil "N-Plus" is suitable for use in most stationary natural gas fueled engines; either 2 or 4 cycle engines in situations where the manufacturer specifies an oil with less than 0.1 percent sulfated ash level. The product is typically suggested for use in natural gas or synthetic natural gas engines including those equipped with emission catalysts located at main line natural gas compressor stations and field gathering units. These oils are suitable for use in four-stroke capability requirements of Dresser (Ingersol)-Rand (Categories I and II), Ajax, Clark-Dresser, Caterpillar (except 3400, 3500, and 3600), Waukesha VR, and Intermediate/Clinton series. Performance applicability may also include in two-stroke engine manufacturers such as Cooper Bessemer, Worthington, and Fairbanks-Morse/MEP.