



UNIVERSAL POLARIS NATURAL GAS ENGINE OILS

Universal Polaris Natural Gas Engine Oils are designed to reduce oil consumption and extend valve life in 2 and 4-cycle natural gas and LPG engines. These oils also reduce engine deposits in ring grooves, oil rings, piston heads and valve stems.

Universal Polaris Natural Gas Engine Oils contains high levels of detergent alkalinity, which sufficiently cope with most commonly encountered levels of hydrogen sulfite in unprocessed natural gas to help reduce wear on engine parts. In addition, additives protect engines from rust and corrosion. A high degree of oxidation resistance extends life and prevents excessive wear. The zinc content in these oils is sufficient to protect lifters and cam shafts in engines which have been converted to natural gas service.

<u>PROPERTY</u>	<u>ASTM TEST METHOD</u>	<u>SAE 20</u>	<u>SAE 30</u>	<u>SAE 40</u>
Viscosity @ 40°C, cSt	D445	56.26	96.8	136.6
Viscosity @ 100°C, cSt	D445	7.64	11.00	13.83
Viscosity Index	D2270	98	98	97
Fire, COC, °C(°F)	D92	254(490)	262(505)	268(515)
Flash Point, COC, °C(°F)	D92	235(455)	246(475)	252(485)
Pour Point, °C(°F)	D97	-23.3(-10)	-18(0)	-15(5)
Color	D1500	2.0	2.5	3.0
Gravity, °API	D287	29.7	29.0	28.0
Sulfated Ash, %	D874	0.70	0.70	0.70
Zinc, %	D4951	0.0859	0.0859	0.0859
Total Base Number (TBN)	D2896	5.6	5.6	5.6

API Service Classification: CD