



El Mar 2000

Conoco El Mar 2000 Natural Gas Engine Oil is a high-quality, low-ash engine oil developed for naturally aspirated and moderately turbocharged, 2-stroke cycle and 4-stroke cycle, moderate-speed gas engines. El Mar 2000 is compounded from high-quality base stocks and select additives to meet the lubrication needs of today's fuel efficient, low-emission engines. It has low carbon-forming tendencies and good resistance to oxidation and nitration. El Mar 2000 provides very good engine protection by controlling the deposits on ports, pistons, spark plugs and in the combustion chamber.

Applications

El Mar 2000 Gas Engine Oil is recommended for use in low- to medium-speed, 2-stroke cycle engines where port plugging is a major concern. El Mar 2000 also is recommended for medium-speed, 4-stroke cycle engines operating under moderate loads, as well as low- to medium-speed, naturally aspirated gas engines.

It is recommended for 2- and 4-cycle engines manufactured by:

- Allis Chalmers
- Ajax
- Cooper Bessemer
- Cooper Superior (formerly White Superior)
- Dresser Clark
- Dresser Rand (formerly Ingersol Rand, Category I and II)
- International Harvester
- Minneapolis-Moline
- Transamerica Delaval
- Waukesha

**High-Quality, Very
Low-Ash Natural
Gas Engine Oil**

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Outstanding Features

- Low-ash formulation provides excellent deposit control
- Excellent protection against wear, corrosion and scuffing
- Resistant to oxidation and nitration
- Contains no bright stock, which can cause carbon buildup in the combustion chamber and/or engine ports

EI Mar 2000 Typical Properties

SAE Grade	30	40	15W-40
Viscosity,			
cSt @ 40°C	92.4	132.4	109
cSt @ 100°C	10.9	13.9	14.5
SUS @ 100°F	481	693	561
SUS @ 210°F	63.5	75.2	77.5
Viscosity Index	102	98	137
Ash, Sulfated, ASTM D874, wt %	0.14	0.14	0.14
Pour Point, °C (°F)	-26 (-15)	-14 (-0)	-33 (-27)
Flash Point (COC), °C (°F)	257 (495)	266 (511)	228 (440)
Density, g/cm ³ @ 15°C	0.885	0.888	0.879
Total Base Number, ASTM D2896	2.7	2.7	2.7
Total Acid Number, ASTM D974	0.6	0.6	0.6
Color, ASTM	2.0	2.0	2.0
High Temperature/High Shear Viscosity, 150 C, cP	3.2	3.8	3.8
Viscosity, Cold Cranking (CCS), cP @ °C	—	—	6,200 (-20)
Phosphorus, ppm	90	90	90
Zinc, ppm	100	100	100

Due to continual product research and development, the information contained herein is subject to change without notification.

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