

ConocoPhillips Conoco® El Mar® Ashless Supreme Oil, SAE Viscosity Grade 40

Category : Fluid , Lubricant

Material Notes:

Conoco® El Mar Ashless Supreme is a premium quality, ashless, dispersant-detergent gas engine oil designed for use in naturally aspirated and turbocharged 2-stroke cycle natural gas engines. Engines operating in this type of service typically are found on crude oil and gas transmission pipelines, electrical power generators, gas compressors, irrigation water pumps and well drilling rigs. El Mar Ashless Supreme is formulated with advanced, field-proven performance additives to meet the rigorous lubrication demands of modern, fuel-efficient, low-emission gas engines. It provides excellent resistance to oxidation and nitration, protects against ring and liner wear, minimizes the formation of sludge and piston deposits for outstanding engine cleanliness, and protects against corrosion. The absence of ash-forming additives results in very clean intake ports to help maintain peak engine performance, and also helps extend spark plug life in spark-ignited gas engines. Applications: 2-stroke cycle and some 4-stroke cycle natural gas engines where the manufacturer specifies an ashless gas engine oil El Mar Ashless Supreme is recommended for use in natural gas engines manufactured by: AjaxClimax Colt-Fairbanks Morse Cooper-Bessemer Dresser Clark Dresser Rand (Category I & II) Worthington Features/Benefit: Field-proven performance in providing outstanding engine cleanliness Ashless formulation helps minimize port deposits High dispersancy protects against sludge and varnish formation Excellent resistance to oxidation and nitration Protects against scuffing and wear Protects against rust and corrosion Does not contain any bright stock, which can cause harmful carbon deposits Information provided by ConocoPhillips.

Order this product through the following link:

http://www.lookpolymers.com/polymer_ConocoPhillips-Conoco-El-Mar-Ashless-Supreme-Oil-SAE-Viscosity-Grade-40.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.892 g/cc	0.892 g/cc	60°F
Density	0.890 g/cc	0.0322 lb/in ³	
Viscosity Measurement	98	98	Viscosity Index
Kinematic Viscosity at 40°C (104°F)	142 cSt	142 cSt	
Kinematic Viscosity at 100°C (212°F)	14.3 cSt	14.3 cSt	
Ash	<= 0.010 %	<= 0.010 %	Sulfated Ash; ASTM D874
ASTM Color	3.5	3.5	ASTM D1500

Thermal Properties	Metric	English	Comments
Pour Point	-27.2 °C	-17.0 °F	
Flash Point	270 °C	518 °F	COC

Component Elements Properties	Metric	English	Comments
Phosphorous, P	0.067 %	0.067 %	

Chemical Properties	Metric	English	Comments
Total Acid Number	0.96	0.96	ASTM D974
Total Base Number	1.3	1.3	ASTM D2896

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