

## ConocoPhillips El Mar® Grade 15W-40 Mid Ash Supreme Oil

Category : Fluid , Lubricant

### Material Notes:

Description: Conoco El Mar® Mid Ash Supreme Oil is a premium-quality, mid ash gas engine oil recommended for naturally aspirated and moderately to highly turbocharged four-cycle gas engines, such as Cooper-Superior (formerly White-Superior) and the Waukesha VHP GL turbocharged lean-burn engines (3521, 5115, 7042 and 9390) requiring a nominal 1 percent sulfated ash oil. El Mar Mid Ash Supreme is formulated with a limited phosphorus and zinc content for catalytic converter protection. For those makes and models of engines requiring a low ash oil, Conoco Hydroclear El Mar LA4 is preferred. Please consult a Conoco representative for the appropriate recommendation. El Mar Mid Ash Supreme Oil is formulated with high viscosity-index base oils blended with selected additives and a unique ashless dispersant to provide excellent resistance to oxidation and nitration, reduced carbon-forming tendencies, excellent piston ring groove and crankcase cleanliness and improved ring and liner protection. Remote engines operated intermittently or in cold weather benefit from the low temperature pumpability provided by the SAE 15W-40 viscosity grade. Information provided by ConocoPhillips.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_ConocoPhillips-El-Mar-Grade-15W-40-Mid-Ash-Supreme-Oil.php](http://www.lookpolymers.com/polymer_ConocoPhillips-El-Mar-Grade-15W-40-Mid-Ash-Supreme-Oil.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.875 g/cc	0.875 g/cc	60°F
Density	0.874 g/cc	0.0316 lb/in <sup>3</sup>	
Viscosity	5800 cP @Temperature -20.0 °C	5800 cP @Temperature -4.00 °F	Cold Cranking
Viscosity Measurement	141	141	Viscosity Index
Kinematic Viscosity at 40°C (104°F)	102 cSt	102 cSt	
Kinematic Viscosity at 100°C (212°F)	14.1 cSt	14.1 cSt	
Ash	1.0 %	1.0 %	Sulfated Ash; ASTM D874
ASTM Color	8.0	8.0	ASTM D1500

Thermal Properties	Metric	English	Comments
Pour Point	-38.9 °C	-38.0 °F	
Flash Point	232 °C	450 °F	COC

Component Elements Properties	Metric	English	Comments
Phosphorous, P	0.028 %	0.028 %	
Zinc, Zn	0.032 %	0.032 %	

Chemical Properties	Metric	English	Comments
Total Base Number	8.2	8.2	ASTM D2896

Descriptive Properties	Value	Comments
Phosphorus	280 ppm	
Zinc	320 ppm	

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