

ConocoPhillips Conoco® El Mar® 15W-40 Mid Ash Heavy Duty

Category : Fluid , Lubricant

Material Notes:

Conoco® El Mar Mid Ash Heavy Duty is a high-quality, mid-ash, dispersant-detergent gas engine oil designed for use in naturally aspirated and moderately to highly turbocharged 4-stroke cycle natural gas engines. It is particularly recommended for use in natural gas engines and dual-fuel engines burning sour gas or landfill gas. El Mar Mid Ash Heavy Duty is formulated with field-proven performance additives to provide excellent resistance to oxidation and nitration, protect against piston scuffing and wear, and minimize the formation of sludge and piston deposits for good engine cleanliness. It has a high alkaline reserve (TBN) to protect engines operating under corrosive conditions, such as when burning sour gas, digester gas or landfill gas. Applications: 4-stroke cycle gas and dual-fuel engines burning sour gas or landfill gas 4-stroke cycle natural gas engines in wastewater treatment plants fueled by digester gas 4-stroke cycle converted irrigation engines running on natural gas or LPG Other 4-stroke cycle natural gas engines where the manufacturer specifies a mid-ash gas engine oil El Mar Mid Ash Heavy Duty is recommended for use in natural gas engines manufactured by: Cooper Superior Waukesha (VHP GL turbocharged lean-burn engines, models 3521, 5115, 7042, 9390) Features/Benefit: Excellent resistance to oxidation and nitration High alkaline reserve to combat acidic combustion by-products when burning sour gas High dispersancy protects against sludge and varnish formation Protects against scuffing and wear Protects against rust and corrosion Excellent low-temperature performance 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-15W-40-Mid-Ash-Heavy-Duty.php

| Physical Properties | Metric | English | Comments |
|--------------------------------------|----------------------------------|----------------------------------|-------------------------|
| Specific Gravity | 0.877 g/cc | 0.877 g/cc | |
| Density | 0.875 g/cc | 0.0316 lb/in ³ | |
| Viscosity | 6300 cP @Temperature -20.0 °C | 6300 cP @Temperature -4.00 °F | Cold Cranking |
| Viscosity Measurement | 134 | 134 | Viscosity Index |
| Kinematic Viscosity at 40°C (104°F) | 114 cSt | 114 cSt | |
| Kinematic Viscosity at 100°C (212°F) | 14.8 cSt | 14.8 cSt | |
| Ash | 1.0 % | 1.0 % | Sulfated Ash; ASTM D874 |
| ASTM Color | 3.0 | 3.0 | ASTM D1500 |

| Thermal Properties | Metric | English | Comments |
|--------------------|----------|----------|----------|
| Pour Point | -45.0 °C | -49.0 °F | |
| Flash Point | 232 °C | 450 °F | COC |

| Component Elements Properties | Metric | English | Comments |
|-------------------------------|---------|---------|----------|
| Phosphorous, P | 0.097 % | 0.097 % | |
| Zinc, Zn | 0.109 % | 0.109 % | |

| Chemical Properties | Metric | English | Comments |
|---------------------|--------|---------|------------|
| Total Base Number | 7.9 | 7.9 | ASTM D2896 |

| Descriptive Properties | Value | Comments |
|------------------------|----------|----------|
| Phosphorus | 1140 ppm | |
| Zinc | 1270 ppm | |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China