

ExxonMobil Mobil Pegasus 610 40

Category : Fluid , Lubricant

Material Notes:

Mobil Pegasus 610 is a high performance natural gas engine oil primarily intended for the lubrication of modern medium and high speed four-cycle engines operating on fuel that contains corrosive materials such as hydrogen sulphide or halogens (compounds containing chlorine, fluorine, etc.). These engines are generally of the lean-burn design where increased manifold pressures prevent sufficient lubricant from reaching the valve guide areas resulting in low oil consumption which can lead to accelerated valve guide and valve recession. This effect also increases the potential for wear and acid attack of upper cylinder components from the acidic materials generated during combustion. The Mobil Pegasus 610 is a 1.0% ash, high TBN gas engine oil with exceptional reserve alkalinity designed to offset the negative effects of these corrosive materials on engine components. The excellent corrosion protection properties prevent corrosive wear in cylinders, valve areas and bearings which can result in longer engine life and lower maintenance costs. Mobil Pegasus 610 provides excellent anti-wear and anti-scuff performance assuring minimal piston scuffing, scoring and cylinder and ring wear. This oil can also be used for the lubrication of the reciprocating compressors in landfill and biogas gas applications. Mobil Pegasus 610 is formulated from high quality mineral base oils combined with an advanced technology 1.0% ash additive system designed to provide excellent protection of engine and compressor components. This product exhibits a high level of chemical stability and resistance to oxidation and nitration. Mobil Pegasus 610 offers outstanding resistance to valve train wear and protection against deposit and sludge formation. These performance advantages combined with the very effective detergency and dispersancy characteristics control the formation of ash and carbon deposits that could result in poor engine performance and detonation. Gas engines operating on fuel that contains moderate levels of hydrogen sulphide (H₂S); Engines operating on fuel containing other corrosive components such as TOHCl (Total Organic Halides as Chloride); Spark ignited four-stroke cycle gas engines with very low oil consumption; Reciprocating compressors operating on natural gas that contains sulphur or halogens; High output or naturally aspirated engines operating at or in excess of rated capacity under high temperatures

Order this product through the following link:

http://www.lookpolymers.com/polymer_ExxonMobil-Mobil-Pegasus-610-40.php

Physical Properties	Metric	English	Comments
Density	0.890 g/cc @Temperature 15.6 °C	0.0322 lb/in ³ @Temperature 60.1 °F	ASTM D4052
Viscosity Measurement	102	102	Index; ASTM D2270
Kinematic Viscosity at 40°C (104°F)	130 cSt	130 cSt	ASTM D445
Kinematic Viscosity at 100°C (212°F)	13.8 cSt	13.8 cSt	ASTM D445
Ash	<= 0.98 %	<= 0.98 %	Sulfated Ash, wt%; ASTM D874

Thermal Properties	Metric	English	Comments
Pour Point	-18.0 °C	-0.400 °F	ASTM D97
Flash Point	264 °C	507 °F	ASTM D92

Chemical Properties	Metric	English	Comments
Total Base Number	8.6	8.6	mgKOH/g; ASTM D2896

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