



## Duratec M

Gas engine lubricant

### Description

Castrol Duratec M is a mineral based SAE 40 monograde medium ash gas engine lubricant that provides excellent thermal and oxidative stability to reduce combustion chamber deposits and significantly reduce maintenance costs.

### Application

Duratec M is suitable for use in both spark ignition and dual-fuel gas engines. It is formulated for applications where the OEM requires a medium ash product. The detergent / dispersant additive system has been specifically designed to control deposit formation. Duratec M also has improved resistance to oxidation and nitration which ensures a longer oil service life. It also offers excellent corrosion control and base number retention.

Castrol Duratec M is approved by:

Guascor

Jenbacher - Series 2 & 3 gas engines: Natural gas applications

MWM (Deutz)

Perkins

### Advantages

- Higher ash content to overcome valve recession problems.
- High resistance to combustion chamber deposit formation which means cleaner running engines.
- High resistance to oxidation and nitration leads to longer oil life and extends drain intervals. This reduces maintenance costs and down time.
- Excellent antiwear characteristics provides a high level of protection against piston, cylinder wear and scuffing.

## Typical Characteristics

Name	Method	Units	Duratec M
SAE Class	-	-	40
Appearance	Visual	-	Clear & Bright
Density @ 15°C / 59°F	ISO 12185 / ASTM D4052	kg/m <sup>3</sup>	890
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D 445	mm <sup>2</sup> /s	124
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D 445	mm <sup>2</sup> /s	13
Viscosity Index	ISO 2909 / ASTM D2270	-	97
Pour Point	ISO 3016 / ASTM D97	°C	-18
Flash Point, COC	ISO 2592 / ASTM D92	°C	250
Total Base Number, TBN	ISO 3771 / ASTM D2896	mg KOH/g	7.2
Sulphated Ash content	ISO 3987 / ASTM D874	% wt	0.75

Subject to usual manufacturing tolerances

Duratec M  
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