



Product Data

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
- MWM Deutz

Castrol Duratec M also meets the requirements of Caterpillar.

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 ³	890
Kinematic Viscosity @ 40°C / 104°F	ISO 3104 / ASTM D 445	mm ² /s	124
Kinematic Viscosity @ 100°C / 212°F	ISO 3104 / ASTM D 445	mm ² /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	% w t	0.75

Subject to usual manufacturing tolerances

Duratec M
11 Feb 2025

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

The Technology Centre, Whitchurch Hill, Pangbourne, Reading, RG8 7QR, United Kingdom
+44 (0)203 915 7991
www.castrol.com/globalbusiness