



Duratec M

Gas engine lubricant

Description

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

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.

Approval Status

Castrol Duratec M is approved by:

Perkins

Guascor

Jenbacher - Series 2 & 3 gas engines: Natural gas applications (TA1000-1106)

Castrol Duratec M meets the requirements of / is suitable for use in:

Waukesha (normal coolant temperature installations)

Features and Benefits

Castrol Duratec M is available globally and combines excellent thermal and oxidative stability, and balanced additive system in Offshore operations to provide the following key benefits:-

- Improved engine life through reduced component wear.
- Lower operating costs through increased drain intervals.
- Significantly reduced maintenance costs through a decrease in combustion chamber deposits and enhanced engine cleanliness.

Technical Data

Name	Method	Units	Duratec M
SAE Viscosity			40
Base Oil Type			Mineral
Relative Density at 15°C	ASTM D4052	g/ml	0.89
Kinematic Viscosity at 40°C	ASTM D445	mm ² /s	124
Kinematic Viscosity at 100°C	ASTM D445	mm ² /s	13.0
Viscosity Index	ASTM D2270		97
Total Base Number	ASTM D2896	mg KOH/g	7.2
Open Flash Point	ASTM D92	°C	250
Pour Point	ASTM D97	°C	-18
Sulphated Ash	ASTM D874	% wt	0.75

The above figures are typical of those obtained with normal production tolerance and do not constitute a specification.

Care and Handling

Avoid prolonged or repeated contact with skin. Wash thoroughly after handling.

Packaging and Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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