



Product Data

Castrol Duratec L

Gas Engine Lubricant

Description

Castrol Duratec™ L is a mineral based SAE 40 low ash gas engine lubricant.

Applications

Duratec L is formulated primarily for spark ignition natural gas engines where a low ash formulation is specified and where the gas is largely free from aggressive components i.e. halogens and hydrogen sulphide.

The detergent/dispersant additive system has been designed to control deposit formation and improve oxidation characteristics whilst offering excellent corrosion control and TBN retention.,

Duratec L is approved by:

Deutz

Rolls Royce Ulstein (applications with separate lubrication for turbochargers)

Wärtsilä 175SG, 220SG, 25SG, 28SG and 34SG

Wärtsilä 32DF and 50DF dual fuel engines running predominantly on natural gas

Duratec L meets the requirements of / suitable for use in:

Perkins

Ruston

Caterpillar (3500 and 3600 series engines)

Waukesha (normal coolant temperature installations)

Advantages

- Excellent thermal and oxidative stability leads to longer oil life and extends drain intervals. This reduces maintenance costs and down time.
- Provides good resistance to acid corrosion.
- Reduces deposits & maintains engine cleanliness.
- Excellent antiwear characteristics provide outstanding protection against piston, cylinder wear and scuffing.

Duratec L

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All reasonable care has been taken to ensure that the information contained in this publication is accurate as of the date of printing. However, such information may, nevertheless, be affected by changes in the blend formulation occurring subsequent to the date of printing. Material Safety Data Sheets are available for all Castrol products. The MSDS must be consulted for appropriate information regarding storage, safe handling and disposal of a product. See www.msds.castrol.com.au

Castrol Australia Pty Limited, Industrial Lubricants and Services, GPO Box 5222, Melbourne VIC 3001

Technical Advice Line 1300 557 998 / Customer Service 1300 722 088

www.castrol.com/industrial

Typical Characteristics

Test	Method	Units	Duratec M
SAE Class			40
Density @ 15°C	ISO 12185 / ASTM D 4052	g/mL	0.89
KV @ 100°C	ISO 3104 / ASTM D445	mm ² /s	13.0
KV @ 400°C	ISO 3104 / ASTM D445	mm ² /s	124
Viscosity Index	ISO 2909 / ASTM 2270	-	97
Pour Point	ISO 3016 / ASTM D97	°C	-18
Flash Point, COC	ISO 2719 / ASTM D93	°C	250
TBN	ISO 3771 / ASTM D2896	mgKOH/g	4.5
Sulphated Ash	ISO 3987 / ASTM D874	% wt	0.45
Zinc	ASTM D4951	ppm	290
Phosphorus	ASTM D4951	ppm	260
Boron	ASTM D4951	ppm	150

Additional Information

Duratec L is classified as non hazardous according to the criteria of NOHSC. However, in line with safe handling practices, it is recommended that the handling instructions outlined in the Castrol Material Safety Data Sheet be followed.

Duratec L is classified as a C2 combustible liquid for storage and handling purposes. Store in a cool, dry, well-ventilated area out of direct sunlight. Avoid sparks, flames and other ignition sources. Store away from incompatible materials such as materials that support combustion (oxidising materials). Reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids.

Spillage: SMALL - 20 LITRES OR LESS
Soak up on Castrol Diatomaceous Earth or similar inert oil absorbent. Arrange for disposal through an approved facility.

LARGE - GREATER THAN 20 LITRES
Contain as soon as possible, remove by best means available and arrange recycling (preferred) or disposal through an approved facility.

Disposal: New or used material must not be allowed to enter the ground, ground water, water courses, sewers or drainage systems. Advice may be sought from the Environmental Protection Authority or from the local waste disposal authority.

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