

Duratec L

Gas Engine Lubricant

Description

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

Application

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 protecting the engine against corrosion and offering good TBN retention.

Duratec L is approved by:

- Deutz
- Jenbacher - engine types 2, 3 & 6 - Fuel Gas Classes A, B & C (TI 1106-1109)
- Jenbacher - engine type 4 - Fuel Gas Classes A & B (TI 1106-1109)
- 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
- Waukesha (normal coolant temperature installations)

Advantages

- Reduces deposits & maintains engine cleanliness shown by multiple OEM engine trials and extensive field experience
- Possesses good thermal and oxidative stability ¹
- Provides good resistance to acid corrosion¹
- Excellent antiwear characteristics ¹

¹ as demonstrated during multiple OEM approval trials and field installations

Typical Characteristics

Name	Method	Units	Duratec L
Appearance	Visual	-	Clear and Bright
Density @ 15°C	ISO 12185 / ASTM D4052	kg/m ³	890
Kinematic Viscosity, 100°C	ISO 3104 / ASTM D445	mm ² /s	13.0
Kinematic Viscosity, 40°C	ISO 3104 / ASTM D445	mm ² /s	125
Viscosity Index	ISO 2909 / ASTM D2270	None	98
Base Number	ISO 3771 / ASTM D2896	mg KOH/g	4.5
Flash Point, closed cup method	ISO 2719 / ASTM D93	°C	216
Pour Point	ISO 3016 / ASTM D5985	°C	-18
Sulphated Ash content	ISO 3987 / ASTM D874	% wt	0.45

Subject to usual manufacturing tolerances

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