



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)
- Wärtsilä 175SG, 220SG, 25SG, 28SG, 34SG and 50SG
- 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 | 97 |
| Base Number | ISO 3771 / ASTM D2896 | mg KOH/g | 4.5 |
| Flash Point, closed cup method | ISO 2719 / ASTM D93 | °C | 225 |
| 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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 04 Feb 2021
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