Product Data

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 or meets requirements with the following OEMs. All are for natural gas types unless specified.

- Deutz - all engines
- Himsen - all engines
- INNIO Jenbacher - type 2 and 3 (gas types A, B and CAT), type 4A (gas types A, B and CAT), type 4B and 4D (gas types A, B, C and CAT), type 6C and 6E (gas types A, B, C and CAT) engines *
- INNIO Waukesha - 12V220GL and 18V220GL engines **
- MTU - series 4000 - L32, L33, L61, L62 and L63 engines
- MWM - TCG 2016, 2020 and 2032 engines
- Caterpillar - CG132, 170 and 260 engines
- Wärtsilä 175SG, 220SG, 25SG, 28SG, 34SG and 50SG
- Wärtsilä 32DF and 50DF dual fuel engines (running predominantly on natural gas)
- Perkins
- Rushton

* Gas type A (Natural Gas), gas type B (biogas/ sewage gas), gas type C (landfill gas), CAT: if an oxidation catalytic converter is incuded in the scope of supply

** Pipeline quality Natural Gas

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 corrosion.[1]
- Excellent antiwear characteristics [1]

[1] as demonstrated during multiple OEM approval trials and field installations

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Expertos en lubricación industrial y automoción

Experts in industrial and automotive lubrication

Typical Characteristics

Name	Method	Units	Duratec L
Appearance	Visual	-	Clear and Bright
Density @ 15°C	ISO 12185 / ASTM D4052	kg/m3	890
Kinematic Viscosity, 100°C	ISO 3104 / ASTM D445	mm²/s	13.0
Kinematic Viscosity, 40°C	ISO 3104 / ASTM D445	mm²/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	% w t	0.45

Subject to usual manufacturing tolerances

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