

TIDAL POWER LA 40

High Performance Heavy Duty Gas Engine Oil

TIDAL POWER LA 40 is a Low Ash high performance heavy duty gas engine oil specially designed for use in stationary gas engines which run on natural and/or biogas and operate under severe conditions and high temperatures.

TIDAL POWER LA 40 is based on high-quality hydro processed base oils in combination with a special selected additive package to obtain the following properties:

- Excellent thermal-, nitration-, and oxidation stability.
- Reducing of combustion chamber deposits.
- Minimize ring scuffing.
- Protect against corrosive wear.
- Improving engine performance.

TIDAL POWER LA 40 meets the following performance criteria:

Approved: MWM (Caterpillar Energy Solutions)
Meets: GE Jenbacher for Fuel Class A (Natural gas) and B (Biogas)
Type 2 and 3 all engines; Type 4, Version A, B; Type 6 Version C, E
API CF Waukesha Cogeneration Dresser Rand Category III
MAN M3271-2 Cummins QSK 60 Wärtsilä SG34; SG50
Rolls-Royce B35:40; C26:33; K-G1/G2/G3/G4

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	40
Density @15 °C	kg/m ³	ASTM 4052	872.2
Kinematic Viscosity @ 40 °C	mm ² /s	ASTM D7042	117.4
Kinematic Viscosity @ 100 °C	mm ² /s	ASTM D7042	13.5
Viscosity Index		ASTM D2270	112
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-30
Total Base Number	mgKOH/g	ASTM D2896	5.3
Sulphated Ash	%Wt	ASTM D874	0.49
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