



SENTRON™ GAS ENGINE OILS

Introduction

Petro-Canada's SENTRON™ Gas Engine Oils (GEO) are premium performance, long life engine oils specially formulated to lubricate gas engines and compressors.

SENTRON's exceptional performance is especially important in the severe service conditions common in compression, power generation and combined heat and power applications.

SENTRON Gas Engine Oils are formulated with Petro-Canada's ultra pure HT Severely Hydrocracked base oils and highly advanced additive technology to help deliver a combination of extended oil life, extended drain intervals and excellent control of engine deposits. Offering exceptional protection against wear and corrosion, SENTRON helps provide worry-free operation, increased engine durability and engine life, which can lead to a reduction in overall operating costs.

SENTRON Gas Engine Oils have a proven track record of successful use under a wide range of operating conditions.

Features and Benefits

- **Longer oil life provides long-lasting equipment protection**
- **Extended drain interval can reduce maintenance and provide savings**
- **Outstanding anti-wear/anti-suff protection**
- **Keeps engine parts clean**
- **Extremely low oil volatility**

What is the HT difference?

Petro-Canada starts with the HT purity process to produce water-white, 99.9% pure base oils. The result is a range of lubricants, specialty fluids and greases that deliver maximum performance for our customers.



Typical Performance Data

PROPERTY	ASTM TEST METHOD	PETRO-CANADA GAS ENGINE OILS		
		SENTRON LD 5000	SENTRON CG 40	SENTRON CG 40 PLUS
Ash Category	–	Low Ash	Medium Ash	Low Ash
Sulphated Ash, % wt	D874	0.57	0.93	0.52
SAE Grade	–	40	40	40
Flash Point, COC, °C / °F	D92	272/522	273/523	283/541
Kinematic Viscosity	D445			
cSt @ 40°C/SUS @ 100°F		124/575	123/560	119/550
cSt @ 100°C/SUS @ 210°F		13.4/71	13.6/72	13.4/71
Pour Point, °C / °F	D5950	-30/-22	-27/-17	-27/-17
Total Acid Number	D664	1.10	0.58	1.53
Total Base Number	D2896	4.9	8.1	4.5

The values quoted above are typical of normal production. They do not constitute a specification.

Approvals and Recommendations

PRODUCT	OEM	Models	Reference	Gasses	Class*
SENTRON LD 5000	Caterpillar	G3300 - G3600	SEBU6400-5	Natural	V
	Caterpillar Power Systems (Former MWM, and Deutz Gas Engines)	All	0199 - 99 - 2105	Natural, Bio, Sewage, Landfill	A/L
	GE Jenbacher	Type 2,3,4,6,9	TA 1000-1109	Natural, Bio (Class A)	A/L
	GE Jenbacher	Formaldehyde Catalyst (All Engines)	TI 1000-1109	Natural	A
	Guascor	FGLD, SFGLD	IO-G-M-25-001A	Natural	A
	MAN	All	M 3271-2	Natural	A/L
	MTU Onsite Energy (former MDE)	Series 400	BS 3211f	Natural, Propane	A/L
	Perkins	Series 4000	Service Bulletin 48	Natural	L
	Rolls Royce Bergen	BV-G CR-G	BV-G 1010 (1503) CR-G 1134 (1503)	Natural	A/L
	Wärtsilä	25SG, 28SG, 175SG, 220SG, 34SG, 32DF, 34DF, 50DF	4V92A0780 4V92A1051	Natural	A/L
	Waukesha	Other	12-1880AH	Natural	V
	Waukesha	220GL	12-1880AH	Natural	A/L
	SENTRON CG 40	Cooper	Ajax/Superior Std	ES 1001	Natural
GE Jenbacher		Type 2, 3 (<16Bar)	TI 1000-1109	Bio, Landfill (Type B and Type C)	A
MAN		Special Gases/All	M 3271-4	Bio, Sewage, Landfill	A/L
MTU Onsite Energy (former MDE)		Series 400	BS 3211f	Bio, Sewage, Landfill	A
SENTRON CG 40 PLUS	GE Jenbacher	Class 2,3,4,6 and 9 (<16 Bar)	MTL 5074 A001061/34E TI 1000-1109	Bio, Sewage, Landfill (Type B and Type C)	A

* V = verified; field test results have been reviewed with the OEM
 A = approved by OEM
 L = listed by OEM on bulletin or website

Petro-Canada Gas Engine Oils are suitable for use in a wide variety of gas engines not specifically mentioned in this list. Contact your local Petro-Canada Representative for more information.

Health and Safety

To obtain Material Safety Data Sheets (MSDS), contact one of our TechData Info Lines.



TechData Info Lines

To place an order, please call a Customer Order Management Representative at:

Canada (English) Phone 1-800-268-5850
(French) Phone 1-800-576-1686
United States Phone 1-877-730-2369
Latin America Phone +1-416-730-2369
Europe Phone +1-416-730-2389
Asia Phone +1-416-730-2372
China Phone +86 (21) 6362-0066

To learn more about how Petro-Canada lubricants, specialty fluids, oils and greases can help maximize your equipment performance, savings and productivity, please contact us at:

North America Phone 1-866-335-3369
Europe Phone +44 (0) 121-781-7264
Germany Phone +49 (0) 201-726-2913
Latin America Phone +1-416-730-2369
Asia Phone +1-416-730-2372
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