

## Our No-nonsense Warranty:

“Petro-Canada will repair damaged equipment, or replace damaged equipment parts resulting from a failure due to defects of the Petro-Canada lubricant, specialty fluid or grease, as long as they are used in accordance with your equipment manufacturer’s and our recommendations.”



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Beyond today's standards.\*



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## SENTRON\* LD 5000. Revolutionary Performance.



**SENTRON\* LD 5000. Extraordinary Performance Natural Gas Engine Oil.**



# It's a breakthrough level of performance.



Outstanding. Extraordinary. Simply amazing. How else would you describe a truly revolutionary Natural Gas Engine Oil that let's you run your engines 200% longer. While still given you better protection.

Now you can reach new levels of performance and extend your maintenance schedule with Petro-Canada SENTRON LD 5000 Natural Gas Engine Oil (NGEO). Years in development by Petro-Canada's R&D research team, it's an NGEO that is truly changing the industry.

SENTRON LD 5000 unlike any conventional NGEO you've used before. It's the only NGEO that lets you run your engine reliably up to 200% and longer. You can see why SENTRON may soon be leading the industry with this new breakthrough formula.

For CAT, Waukesha, and Jenbacher engines, it means SENTRON LD 5000 can actively protect your equipment better and longer.

Imagine reducing your change-outs from 9 times a year to a mere 3. Because running longer drain intervals while meeting OEM's used oil condemning criteria, can lower operating costs and improve both reliability and productivity. Possibly to the tune of thousands of dollars per engine in labour and downtime.

Field tests prove it. And the results are simply astounding. With longer periods between drain intervals, you have less downtime for maintenance. Lower costs for new oil and labour. And less used oil to dispose of. Who wouldn't want a more efficient and profitable operation?

## Start Pure. Finish Strong.

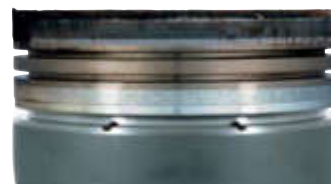
The SENTRON formula starts pure - 99.9% pure - to protect better, longer. Using the patented HT purity process, we eliminate impurities that hinder performance. Then we add a unique combination of additives to provide superior performance, and protection against rust and corrosion.



Like all Petro-Canada products, SENTRON goes beyond today's standards to meet the demands of tomorrow's technology. We've been producing advanced lubricants blended from ultra-pure base oils and specialty additives for over 25 years.



The leading North American brand low-ash NGEO left carbon deposits in the ring zone of this piston. Deposits that cause loss of power and increase engine wear.



After switching to SENTRON LD 5000, the piston is noticeably cleaner when used in the same conditions for the same length of time. Bottom line - more power and longer engine life.

## Field tests show the dramatic difference.

SENTRON LD 5000 also features outstanding anti-wear/anti-scuff protection to reduce wear of pistons, cylinder liners and bearings. In fact, we compared the results of new pistons from the same cylinder of the same engine after 8,000 hours of service.

The great thing about SENTRON LD 5000 is that its exceptional performance is ideal for the severe service conditions common to gas plants like yours. Its outstanding anti-wear protection prevents scoring of cylinder liners and wear on piston rings, while reducing carbon build-up. For your operation, that could mean:

- Less downtime.
- Fewer service calls to remote operations.
- Cleaner engines with less wear.
- Longer service life.

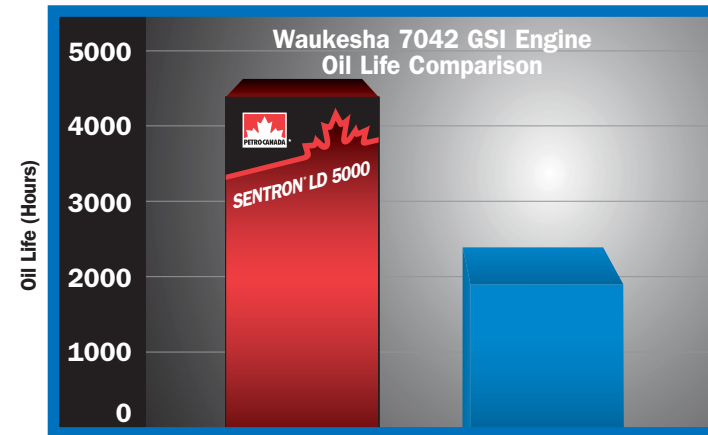
No wonder leading manufacturers of natural gas engines are excited about SENTRON LD 5000.

## Prove it in your own plant.

Extensive field testing has proven that SENTRON LD 5000 dramatically extends oil drain intervals in natural gas engines.

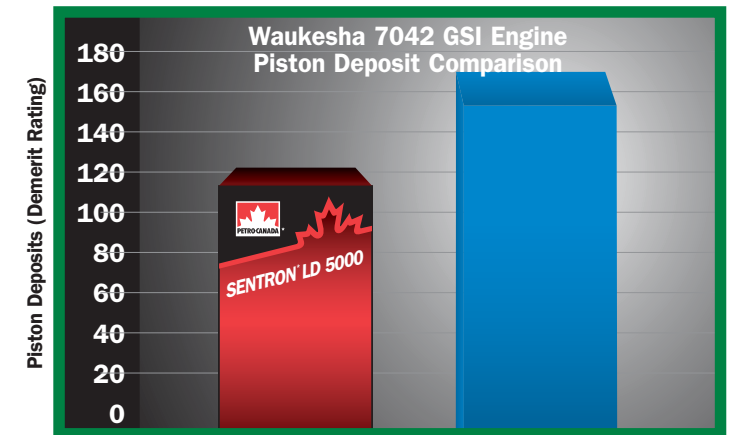
Prove it to yourself. Switch to SENTRON and you may see the performance benefits that result. We're confident you'll discover how exceptionally SENTRON performs compared to leading competitive products.

## Proven to last longer.

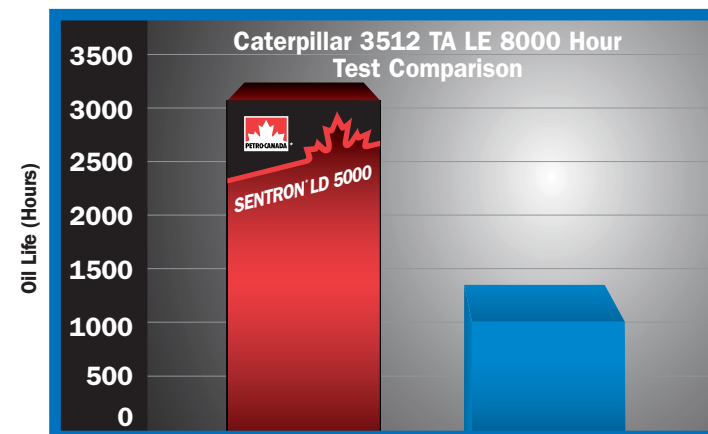


SENTRON LD 5000 lasts 125% longer than leading competitive NGEO in Waukesha 7042 GSI engines.

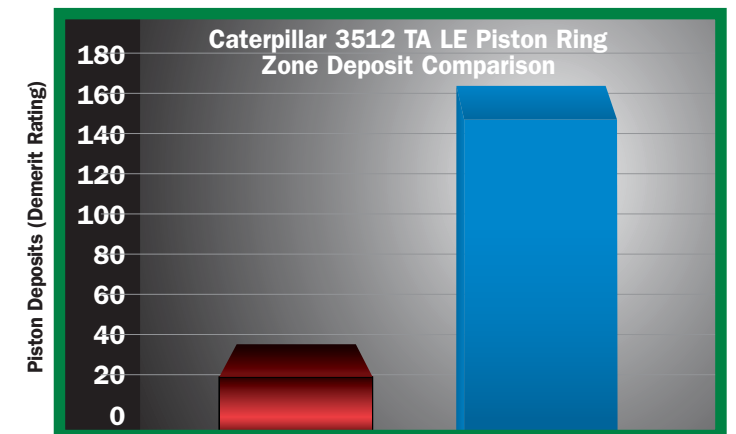
## Proven to protect better.



SENTRON LD 5000 has 25% less piston deposit than leading competitive NGEO in Waukesha 7042 GSI engines.



Believe it. Dramatic test results prove SENTRON LD 5000 lasts up to 200% and longer than leading competitive products.



SENTRON LD 5000 is 860% cleaner than a leading competitive NGEO after 8000 hour field tests in the same Caterpillar 3512 TA LE engine. This can lead to significantly longer overhaul life using SENTRON LD 5000 in place of the leading competitor's NGEO.

## Our dedicated commitment.

And for even more peace of mind, SENTRON LD 5000 also comes with Petro-Canada's "No-nonsense Lubricants Warranty". One of the best warranties in the business today, it protects and safeguards your equipment to provide you with that extra bit of confidence.

As a company, we are leading the way to new technologies. With a suite of superior products to choose from, you can be assured that we have the best lubricants to keep all



of your equipment running smoothly and longer.

From technical customer seminars to consolidated invoicing to continual research in finding industry solutions, Petro-Canada strives to give you the best lubricant solutions this industry has to offer. Our extensive network of distributors and distribution depots assures both emergency product availability and local service—all to help improve your business.

### Outperform Like Our Customers.

“We have been working with Petro-Canada to improve the efficiencies of our operation. One particular initiative we have been really impressed with is the extension of our drain intervals in J320 Jenbacher natural gas engines from 800 hours to over 1600 hours. Doubling our drain intervals brings both financial and environmental benefits to our operation.”

Lorne Pawluk, Mechanical Maintenance Supervisor, GVRD Annacis Island WWTP

# SENTRON\* LD 5000 Natural Gas Engine Oil.

