

# What Customers Are Saying...

Petro-Canada Lubricants at Work



**“We overhauled a CAT 3306 engine and after four years at 98% runtime with SENTRON<sup>®</sup> 445, I could’ve put the pistons and sleeves right back into it.”**

– Brian Bain, Field Maintenance, Greentree Gas & Oil Ltd.

**THE CUSTOMER:**  
**Greentree Gas & Oil Ltd.**  
**London, Ontario, Canada**

**SENTRON<sup>®</sup> 445**  
**Is The Solution For**  
**Ontario-based Oil And**  
**Gas Exploration/**  
**Production Company.**



*“I’ve relied on Petro-Canada’s lubricants for 20 years.”*

– Brian Bain



Natural gas engines and compressors at Greentree Gas & Oil Ltd. run twenty-four hours a day and seven days a week, under stressful operating conditions. And the negative effects of improper lubrication during maintenance can be quite severe. That was the case many years ago, before Brian Bain, Field Maintenance Employee for Greentree Gas & Oil Ltd. started using Petro-Canada lubricants.

Greentree Gas & Oil Ltd. is a London, Ontario-based oil and gas exploration and production company. They have five engines in Norfolk County, Ontario and one in Rodney, Ontario.

Focusing on Southwestern Ontario, they explore and develop long-life reserves of natural gas and light oil.

## **The Problem**

Over two decades ago, prior to making the switch to Petro-Canada, Bain was having major problems with the lubricants he was using. Soot build-up and carbon deposits were forcing him to pull heads and valve

guides out every four to six months. He even had to remove exhaust manifolds and take them off-site to be boiled clean – as a result of the major soot and carbon that was coming back out of them.

“It was nasty, nasty stuff,” says Bain. “Our old oil would just tear stuff apart – it just couldn’t handle the stress. We were getting ash and carbon build-up, carbon deposits – the list goes on.”

Bain knew he had to make a switch. In search of less downtime and higher production, cleaner engines with less wear and extended service intervals he asked

his distributor, Dave Lippert Fuels Ltd., what he should do. The answer was easy. They told him to switch to Petro-Canada’s SENTRON brand of natural gas engine oil (NGEO).

SENTRON NGEOs are premium performance, long-life lubricants for gas engines and compressors in a wide variety of applications.



*Greentree Gas & Oil Ltd. trusts SENTRON 445 to lubricate their natural gas engines and compressors.*

## The SENTRON Solution

"We made the switch to SENTRON 445 and it solved our problems right then and there. We started seeing extended maintenance intervals and instead of changing heads at four months we went twelve months of straight running before we even had to think about changing them again."

"I've been using Petro-Canada lubricants for 20 years because they work. Plain and simple," says Bain.

When Bain fills his engines with SENTRON 445 he knows he'll get outstanding anti-wear protection against cylinder liner scoring and piston ring wear, reduced carbon build-up and extended drain intervals. That means less maintenance time and less used oil to dispose of.

## The Results

"We overhauled a CAT 3306 engine and after four years at 98% runtime with SENTRON 445, I could've put the pistons and sleeves right back into it. They still had cross hatches, the rings weren't sharp, the crank was in great condition, everything was in good shape, we didn't even have to machine anything. Thanks to SENTRON, we were able to simply put it back together," says Bain.

SENTRON provides Greentree Gas & Oil Ltd. with worry-free operation, increased engine durability and engine life which, in turn, helps them to reduce overall operating costs.



The SENTRON formula starts with the patented HT purity process, using 99.9% pure base fluids to protect better and longer. SENTRON delivers advanced protection against rust and corrosion and extends uptime with cleaner engines, longer oil life and less piston deposits.

## Service You Can Count On

Bain couldn't be more pleased with Petro-Canada's lubricants, as well as with the service he receives from his local Petro-Canada distributor, Dave Lippert Fuels Ltd.

"I've been dealing with them for 20 years and I've always been happy with the quality of service. The guys at Dave Lippert Fuels Ltd. basically bend over backwards to help me. They are hard-working, and no matter what the situation, they always find a way to make things happen."

If you would like to know more, please contact us at:

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