

# ARM YOURSELF WITH **DURON** FIGHT SOOT. SAVE MONEY.

**SOOT, A BY-PRODUCT OF DIESEL FUEL COMBUSTION, IS IN EVERY ENGINE, EVERY YEAR, MAKE AND MODEL.**

Today's tough operating conditions can produce and retain more soot than ever before. Left unchecked, it can have a damaging impact on your engines – and your bottom line. DURON™-E offers exceptional defence against the costly effects of soot. It has been specifically formulated to disperse up to 2.2x\* more soot than the industry standard – clearly, the leader in soot control. Meaning, engines will be better protected from wear and can operate with increased productivity to save you money.



\*Based on Mack T-11 test data for DURON-E SYNTHETIC 10W-40.

Beyond today's standards.



## START PURE. FINISH STRONG.

DURON-E starts with a pure advantage. It is formulated using Petro-Canada base oils, which are among the purest base oils in the world. We use the HT Purity Process to remove performance-hindering impurities. Our base oils are 99.9% pure. That purity can help maximize the performance of DURON-E.

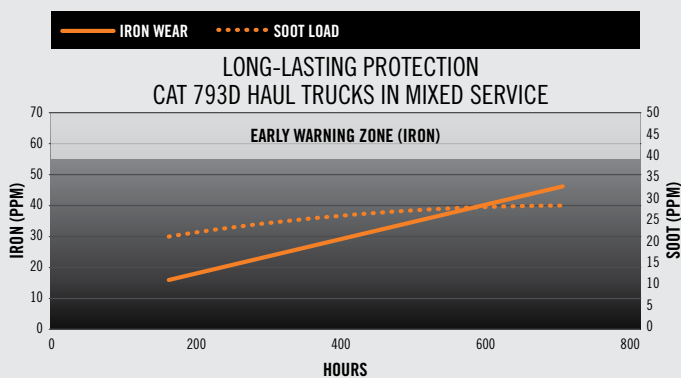
## IT'S PROVEN

The advanced soot control of DURON-E ensures you get a lot more out of your engine – in the short-term as well as over the long haul.

## PROTECTION

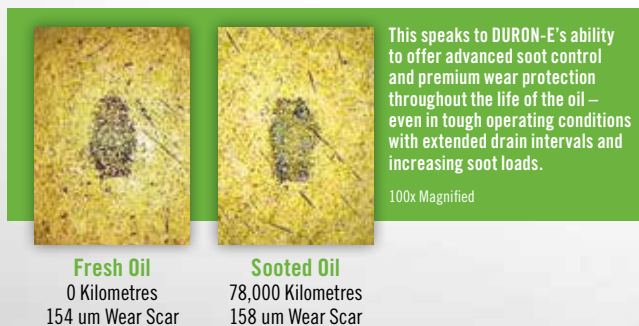
Minimizing engine wear is critical to reducing downtime and extending the life of your engine. By controlling soot, DURON-E provides exceptional defence against wear.

- Soot particles left uncontrolled can agglomerate and harden into abrasive clumps that can scratch and score critical engine components.
- Higher soot loads can increase the oil's viscosity – that can leave engine components under-lubricated.
- Poor shear stability can reduce film thickness of the oil. Effective piston sealing relies on a strong oil film to prevent soot and other contaminants from moving past the rings to get to critical engine components, where damaging wear can occur.



Even under tough operating conditions and extended drain intervals, DURON-E Synthetic 10W-40's industry leading soot control helps deliver outstanding wear protection to your engine.\*\*

EVEN AFTER 78,000 KILOMETRES OF SERVICE, DURON-E SYNTHETIC 10W-40 SHOWS EQUIVALENT WEAR SCARS TO FRESH OIL.



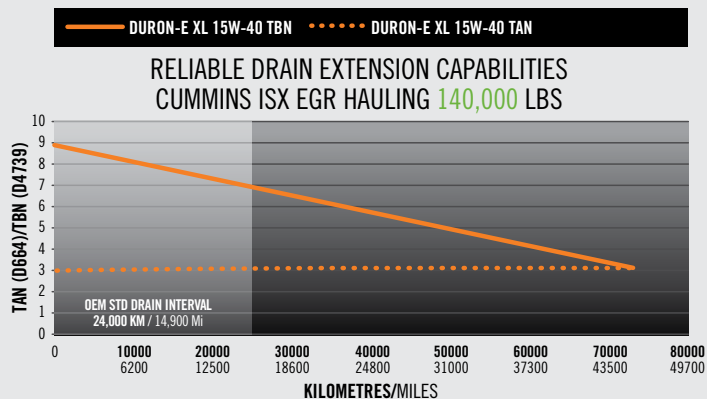
## EXTENDED DRAIN INTERVALS

DURON-E helps you to safely and confidently extend drain intervals\* – keeping your on-highway fleet or heavy duty off-road equipment running longer and saving you money. It's been proven to maintain its soot fighting abilities, and stay in-grade longer.

\*Extending drain intervals should always be undertaken in conjunction with a regular oil analysis program.

\*\* Results based on used oil analysis data from a large mining fleet in typical mixed service (CAT 793D haul trucks with 3516 HD engines). Results are not guaranteed and can vary due to many factors including, but not limited to: equipment make, model, age and condition; maintenance practices; driver behaviour; load and operating conditions.

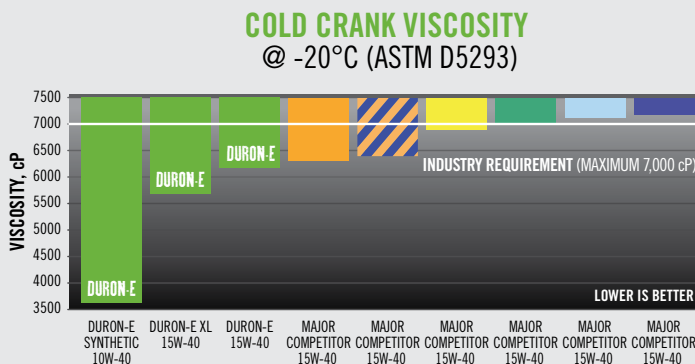
† Results based on used oil analysis data from a large on-highway fleet in Cummins ISX EGR engine. Results are not guaranteed and can vary due to many factors including, but not limited to: equipment make, model, age and condition; maintenance practices; driver behaviour; load and operating conditions.



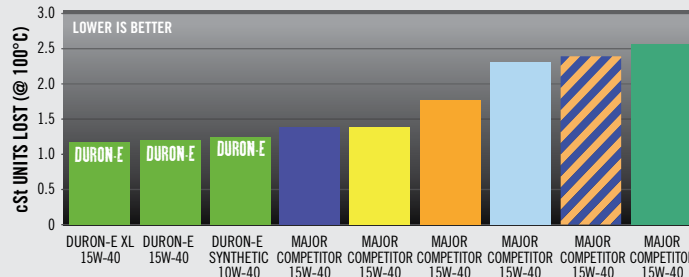
Even under tough operating conditions hauling 140,000 lb loads, DURON-E XL 15W-40 is able to maintain fresh oil properties longer to provide exceptional extended drain capabilities. The advanced soot control of DURON-E allows for continued protection of your engine in extended drains and increasing soot loads – this means saving you money on change outs and reducing downtime.†

## ALL-WEATHER PERFORMANCE

You can also rest assured that your engine will be well protected in all-weather conditions. In the harsh cold, you can rely on DURON-E's excellent cold-cracking and cold-pumping properties to ensure you get the performance and protection you need. In extreme high temperature operations, you can rely on DURON-E's advanced shear stability formulation to maintain its stay-in-grade performance throughout extended, high temperature operation, ensuring continued protection of your engine.



## VISCOSITY LOSS AFTER 90-CYCLE K.O. SHEAR TEST (ASTM D7109)



DURON-E provides superior performance and protection in all-weather conditions. It consistently outperforms the competition by demonstrating exceptional performance in both high and low temperatures.

## OPERATING EFFICIENCY

Throughout the life of your oil, DURON-E will help ensure your engine is running at optimal operating efficiency. By controlling viscosity-increasing soot particles and resisting oxidative thickening, your engine will be protected from the effects of viscous drag. This will help your engine maintain optimal fuel economy over the life of the oil even under long drains and tough operating conditions.

SOOT CONTROL	PROTECTION	EXTENDED DRAIN INTERVALS	POTENTIAL FOR FUEL ECONOMY	LOW TEMPERATURE PERFORMANCE	HIGH TEMPERATURE PERFORMANCE	OVERALL ALL-WEATHER PERFORMANCE	OPERATING EFFICIENCY	REDUCED OIL CONSUMPTION
Minimizes damaging engine wear, maintains viscosity of oil and maintains fuel economy.	Extends engine life, increases reliability and minimizes downtime.	Ability to maintain fresh oil properties longer – saving you time and money while continuing to protect your engine.	Enhances engine performance and maintains optimal fuel economy – saving you money on fuel.	Ensures reliable cold start-up and cold-pumpability performance to minimize engine wear and enhance reliability.	Shear stability ensures better stay-in-grade performance, improved protection from wear and optimal engine operating power.	Performs and protects well in high and low temperatures, ensuring optimal protection and efficiency in all-weather conditions.	Advanced protection mile after mile and hour after hour helps maintain your engine's 'like new' power and efficiency longer.	Limits oil consumption and the need for top-ups – saving you money and downtime.

### ALL-WEATHER & SOOT CONTROLLING FORMULATIONS

<b>DURON-E SYNTHETIC 10W-40</b> Delivers industry leading soot control while providing the ultimate in all-weather engine protection and performance.	Industry Leading Soot Control	✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓ ✓
<b>DURON-E XL 15W-40</b> High performance, all-weather formulation that offers exceptional soot controlling properties to provide excellent performance and protection.	Exceptional Soot Control	✓ ✓	✓ ✓ ✓	✓	✓ ✓	✓ ✓ ✓	✓ ✓	✓ ✓
<b>DURON-E 15W-40</b> Provides advanced soot control and excellent all-weather engine protection and reliability.	Advanced Soot Control	✓	✓ ✓	✓	✓	✓ ✓ ✓	✓ ✓	✓ ✓

### FUEL EFFICIENT & SOOT CONTROLLING FORMULATIONS

<b>DURON-E XL 10W-30</b> High performance, low temperature formulation that offers advanced soot controlling properties. This oil can help you increase fuel economy by up to 1%* – while continuing to protect your engine.	Advanced Soot Control	✓ ✓	✓ ✓	✓ ✓ ✓	✓ ✓ ✓	✓ ✓	✓ ✓	✓ ✓
<b>DURON-E 10W-30</b> Along with advanced soot control, this oil can help you increase fuel economy by up to 1%* – while continuing to protect your engine.	Advanced Soot Control	✓	✓ ✓	✓ ✓ ✓	✓ ✓	✓	✓ ✓	✓ ✓

### COLD WEATHER SPECIALTY & SOOT CONTROLLING PRODUCTS

<b>DURON-E SYNTHETIC 5W-40</b> Advanced soot control and proven all-weather performance – designed to specifically handle even the harshest cold conditions.	Advanced Soot Control	✓ ✓	✓ ✓	✓ ✓	✓ ✓ ✓	✓ ✓	✓ ✓ ✓	✓ ✓ ✓
<b>DURON-E SYNTHETIC 0W-40</b> Advanced soot control that delivers faster cold weather start-ups and exceptional cold-pumping abilities – minimizing engine stress and wear.	Advanced Soot Control	✓ ✓	✓	✓ ✓ ✓	✓ ✓ ✓	✓	✓ ✓	✓ ✓

\* Compared to DURON-E 15W-40 results obtained from VOLVO D12D test.

# OUR NO-NONSENSE LUBRICANTS WARRANTY

We know DURON products will provide you with optimal performance and protection. Most importantly, they will help protect your bottom line. Not only are we confident, we're committed to backing up the performance of our products. We call it our **"No-Nonsense Lubricants Warranty."**

"Petro-Canada will repair damaged equipment, or replace damaged equipment parts resulting from a failure due to defects of the Petro-Canada lubricant, as long as the lubricant is used in accordance with your equipment manufacturer's and our recommendations."

It's more than just a warranty. It's a commitment.



[www.fightsoot.com](http://www.fightsoot.com)

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**Latin America**..... Phone +1-416-730-2369  
**Europe**..... Phone +1-416-730-2389  
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**China** ..... Phone +86 (21) 6362-0066

You can also email us at [lubecsr@suncor.com](mailto:lubecsr@suncor.com)

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:

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**Germany**..... Phone +49 (0) 201-726-2913  
**Latin America**..... Phone +1-416-730-2369  
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LUB2062E (2014.02)