



STOP GIVING UP ENGINE PROTECTION TO GET FUEL ECONOMY.

DURON™-E UHP 5W-30 delivers up to **2x*** better wear protection and **4%**** better fuel economy.




*Based on results from the Daimler OM 646 LA industry recognized test.

**Fuel economy results are based on the generally accepted and industry recognized SAE J1321 Type II fuel consumption test. Comparison of fuel economy is relative to DURON-E 15W-40, and in combination with TRAXON™ Synthetic 75W-90 (relative to a TRAXON 85W-140) gear oil. Actual results are dependent on external factors including, but not limited to: driving terrain, weather conditions, tire pressure and severity of operating conditions.

Beyond today's standards.





ENGINE PROTECTION **AND** FUEL ECONOMY. NO COMPROMISES.

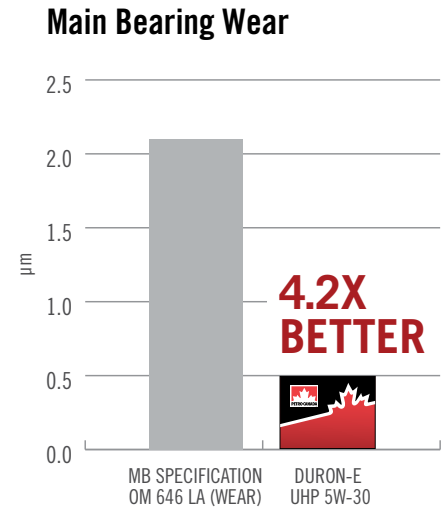
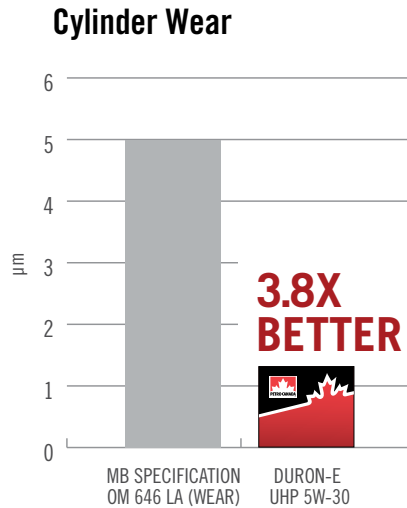
DURON-E UHP 5W-30 is an Ultra High Performance diesel engine oil formulated with synthetic base oils and high performance additives designed with advanced soot controlling capabilities to deliver superior engine protection with fuel economy benefits.

ENGINE PROTECTION

PROVEN ENGINE PROTECTION.

This engine test measures how well the engine oil prevents engine wear in severe conditions. By reducing wear on engine parts the engine maintains 'like-new' conditions, providing increased operating efficiency and reliability.

Proven engine wear protection as demonstrated by exceptional results from the industry recognized and rigorous Mercedes-Benz OM 646 LA engine test.

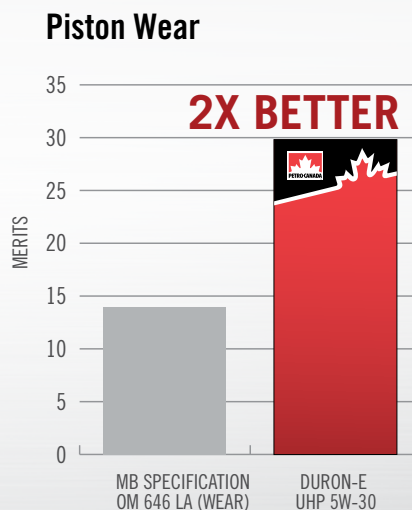


IN THE INDUSTRY'S TOP ENGINE TESTS, DURON-E UHP 5W-30 DELIVERED SUPERIOR ENGINE PROTECTION RESULTS.

IMPROVE PERFORMANCE. REDUCE DOWNTIME.

This engine test measures how well the engine oil prevents engine wear in severe operating conditions. Less wear means your engine performs more efficiently and retains more power.

More than double the piston wear protection versus MB Specifications – improving overall engine performance and helping to reduce downtime.



DURON-E UHP 5W-30 DELIVERS 2X* BETTER WEAR PROTECTION

*Based on results from the Daimler OM 646 LA industry recognized test.

ADVANCED ENGINE PROTECTION.

Base oil quality plays a significant role in dispersing the particulate matter or soot that can cause damaging wear to pistons, rings, liners and bearings. Ultra pure, consistent quality base oils are key to DURON-E UHP 5W-30's ability to minimize engine sludge and piston top groove deposits, thereby maintaining 'like new' engine conditions.

Proven wear protection and deposit control following the rigorous Mercedes-Benz OM 646 LA engine test.



Daimler OM 646 LA

Daimler OM 646 LA

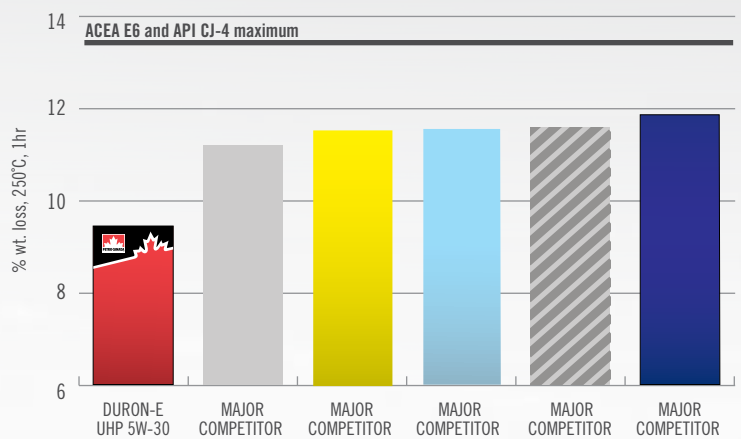
REDUCED VISCOSITY LOSS MEANS BIG GAINS FOR YOUR ENGINE.

The NOACK Volatility Test is a measure of evaporation loss of oil in high temperature service. Lower volatility means less need for oil top-ups, better retention of the oil's original properties and less fouling of components in the emissions system.

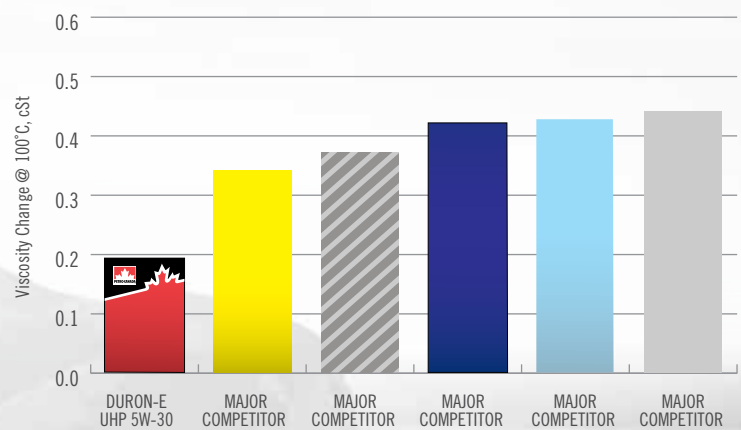
The Viscosity Retention Test measures shear that can occur in the engine under regular operating conditions. DURON-E UHP 5W-30's highly shear stable formulation shows minimal change to viscosity, resulting in better stay-in-grade capabilities and, in turn, superior engine protection.

DURON-E UHP 5W-30 OUTPERFORMS COMPETITORS ON OIL VOLATILITY AND SHEAR STABILITY RESULTING IN BETTER ENGINE OIL DURABILITY.

Noack Volatility - % wt. loss, 250°C, 1h (ASTM D5800)



Viscosity Retention - After 90-cycle K.O. shear test (ASTM D7109)

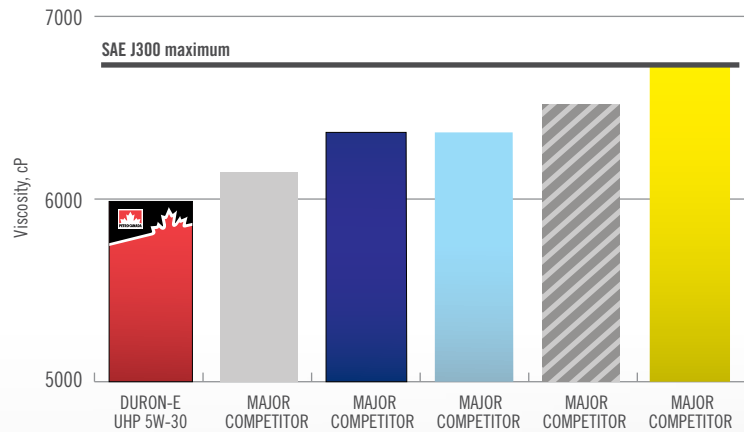


EASY STARTS IN THE BITTER COLD.

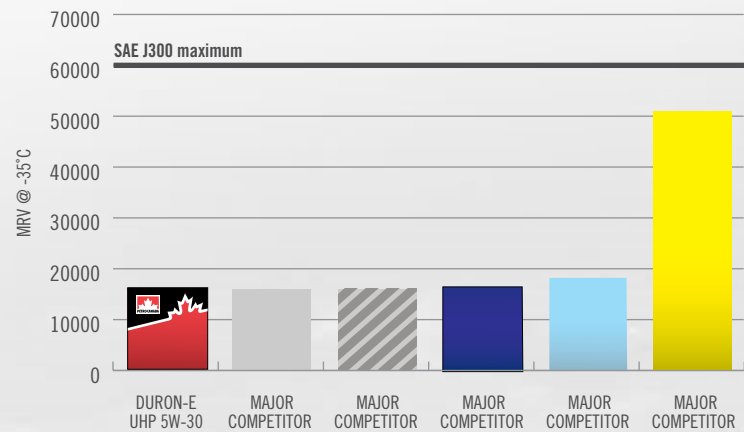
Cold Crank Viscosity measures ease of starting in low temperatures. Lower cranking resistance means faster, easier starting, which helps protect your starter and battery.

The low temperature pumpability test measures how easily the oil flows through the engine after start-up in low temperatures. The lower the number, the less resistance there is to oil flow. Faster oil flow reduces start-up wear and enhances engine durability.

Cold Crank Viscosity @ -30°C (ASTM D5293)



Low Temperature Pumpability (MRV) @ -35°C (ASTM D4684)



**DURON-E UHP 5W-30
DELIVERS EXCEPTIONAL COLD
TEMPERATURE PERFORMANCE,
EVEN SURPASSING THE
REQUIREMENTS OF AN
SAE 5W ENGINE OIL.**



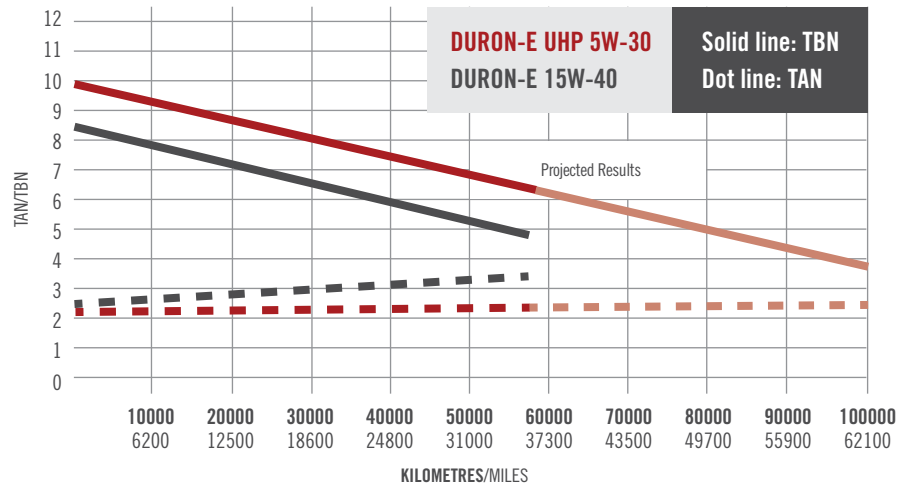
FIELD PROVEN EXTENDED DRAINS.

In real world trials hauling 140,000 lb loads, DURON-E UHP 5W-30 demonstrates superior durability and extended drains.

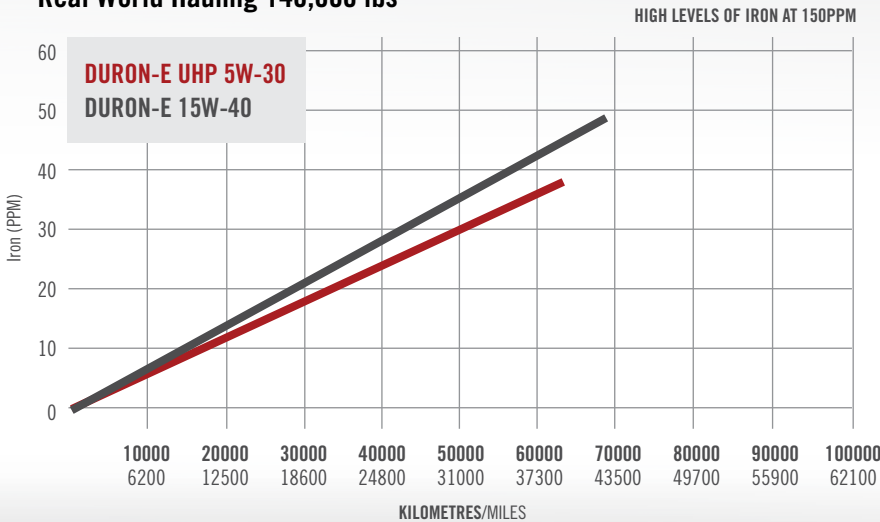
Generally, when TBN and TAN values converge, it indicates the need to change the oil.

DURON-E UHP 5W-30 keeps its 'like-new' properties longer, which allows it to continue to provide exceptional engine protection well past the OEM recommended drain interval. At 60,000 km, DURON-E UHP 5W-30 shows no sign of requiring an oil change, highlighting its durability, and ability to safely extend drains.

Real World Hauling 140,000 lbs



Real World Hauling 140,000 lbs



FIELD PROVEN ENGINE PROTECTION.

In the real world trials hauling 140,000 lb loads, DURON-E UHP 5W-30 demonstrates excellent wear protection, indicated by very low levels of iron (Fe) compared to a 15W-40 grade, and well below what would be considered as "high" iron levels.

DURON-E UHP 5W-30 DELIVERS EVEN BETTER ENGINE PROTECTION THAN A 15W-40 ENGINE OIL.



FUEL ECONOMY

RIGOROUS TESTING. RELIABLE RESULTS.

Fuel economy has a major impact on your bottom line, and you need to be confident you're getting the savings you expect. That's why we put DURON-E UHP 5W-30 through one of the toughest industry recognized fuel consumption tests - SAE J1321 Type II. Meticulously corrected for even the smallest variable - from weather conditions to wheel alignment - it ensures you get the most accurate results possible.

Here are just some of the tough test parameters:

- Identical truck and trailer rigs
- Lap times restricted to within 0.25% of established target
- Gross vehicle weight (GVW) of 76,000 lbs
- Wheel alignment on both trucks and trailers
- New air filters and fuel filters installed
- Consistent positioning of all components with an aerodynamic influence

DURON-E UHP 5W-30 IS PROVEN TO DELIVER UP TO 4%** BETTER FUEL ECONOMY.

BETTER FUEL ECONOMY. BETTER BOTTOM LINE.

Here's an example of what improved fuel economy can mean to your business.

| PERCENTAGE SAVINGS | 4%** | |
|--|-----------------------------|--|
| Distance Travelled per Year | 125,000 km 77,671 mi | Savings with 100 Trucks: \$267,100 USD |
| Fuel Consumption per Vehicle | 43 L/100 km 5.5 mpg | |
| Cost of Diesel Fuel | 1.25 \$/L 4.73 \$/US GAL | |
| Current Fuel Costs | \$66,797 | |
| Savings in Fuel Costs | \$2,671 | |
| Annual Savings per Truck per Year | \$2,671 USD | Savings with 500 Trucks: \$1,335,500 USD |
| | | Savings with 1000 Trucks: \$2,671,000 USD |

**Fuel economy results are based on the generally accepted and industry recognized SAE J1321 Type II fuel consumption test. Comparison of fuel economy is relative to DURON-E 15W-40, and in combination with TRAXON Synthetic 75W-90 (relative to a TRAXON 85W-140) gear oil. Actual results are dependent on external factors including, but not limited to: driving terrain, weather conditions, tire pressure and severity of operating conditions.



USE DURON-E UHP 5W-30 IN YOUR FLEET WITH CONFIDENCE – NOT COMPROMISE.

Below is a chart of global OEM approvals for DURON-E UHP 5W-30. Always check a vehicle's operating manual and manufacturer's warranty before making any change to the grade of engine oil.

Approvals and Recommendations

■ Approved □ Suitable For Use ◇ Meets Specifications

| | | | |
|---------------------------------|--|----|--|
| ACEA | | | |
| ACEA E9 - 12 | | ◇ | |
| ACEA E7 - 12 | | ◇ | |
| ACEA E6 - 12 | | ◇ | |
| API | | | |
| API CJ-4/SN | | ■ | |
| Caterpillar | | | |
| Caterpillar ECF-3 | | □ | |
| Caterpillar SEBU 6385 | | □ | |
| Cummins | | | |
| Cummins CES 20077 | | □ | |
| Cummins CES 20078 | | □ | |
| Cummins CES 20081 | | ■ | |
| DAF | | | |
| DAF Standard and Extended Drain | | ◇ | |
| Detroit Diesel | | | |
| Detroit Diesel DFS 93K218 | | ■ | |
| DEUTZ | | | |
| DEUTZ DQC III-10 LA | | ■ | |
| Ford | | | |
| Ford WSS-M2C171-E | | □ | |
| Mack | | | |
| Mack EO-O PP '07 | | ■ | |
| MAN | | | |
| MAN 3477 | | ■ | |
| Mercedes-Benz | | | |
| MB 228.51 | | ◇ | |
| MTU | | | |
| MTU Type 3.1 | | ■ | |
| Scania | | | |
| Scania LDF | | □* | |
| Volvo | | | |
| Volvo VDS-3 | | □ | |
| Volvo VDS-4 | | ■ | |
| Other | | | |
| JASO DH-1, DH-2 | | □ | |
| Renault VI RLD-3 | | ■ | |

* Approval pending with proven chemical technology.

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 a warranty.
It's a commitment.**

DURON-EUHP5W30.com

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 |

You can also e-mail us at 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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