

DURON™ APPROVED FOR DETROIT DIESEL.

DURON™ **THE TOUGHER. THE BETTER.™**



PETRO-CANADA

LUBRICANTS

Beyond today's standards.™

Detroit Diesel is a global power leader in diesel engines, trusted by operators around the world.

Wherever you depend on Detroit Diesel equipment, your Detroit Diesel equipment can depend on DURON™ next generation heavy duty diesel engine oils. Driven by API CK-4 and FA-4, it's the most durable, most protective, most advanced product line we've ever made.

Which is why DURON is approved for Detroit Diesel.

In all your Detroit Diesel engines, our new DURON product line is ready to help protect your reliability, extend drain intervals*, and even cut your fuel costs.

DURON. Approved for Detroit Diesel, whatever the challenge.

THE TOUGHER. THE BETTER.™

DURON APPROVED FOR DETROIT DIESEL ENGINES

	Detroit Diesel	DURON	Approval	API Level
Conventional Oil	DFS 93K222	DURON HP 15W-40	Approved	API CK-4
Synthetic Blend Oil	DFS 93K222	DURON SHP 15W-40	Approved	API CK-4
	DFS 93K222	DURON SHP 10W-30	Approved	API CK-4
Synthetic Oil	DFS 93K222	DURON UHP 10W-40	Approved	API CK-4
	DFS 93K222	DURON UHP 5W-40	Approved	API CK-4
	DFS 93K218	DURON UHP 5W-30	Approved	API CK-4
Advanced Synthetic Blend Oil	DFS 93K223	DURON ADVANCED 10W-30	Approved	API FA-4
CNG/LNG	DFS 93K216	DURON GEO LD 15W-40	Approved	N/A

API CK-4 - supersedes API CJ-4 and previous categories, delivering higher performance levels and backwards compatible for older engines.

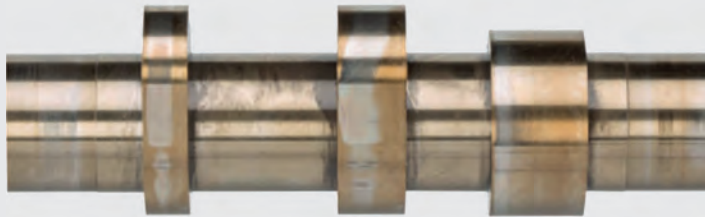
API FA-4 - an even more advanced lower viscosity oil that delivers better fuel economy in next generation diesel engines.

* Extending drain intervals should always be undertaken in conjunction with an oil analysis program.



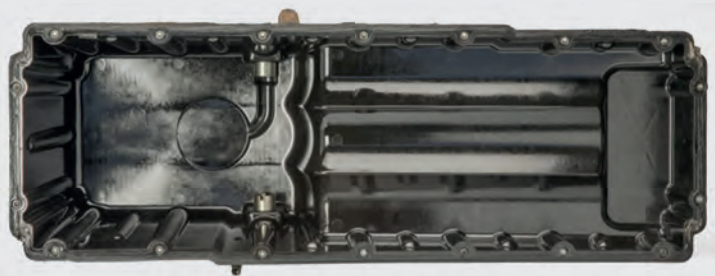
MAXIMUM ENGINE PROTECTION

**2013 DETROIT DIESEL DD15 14.8L ENGINE
AFTER 540,000+ MILES IN THE FIELD**



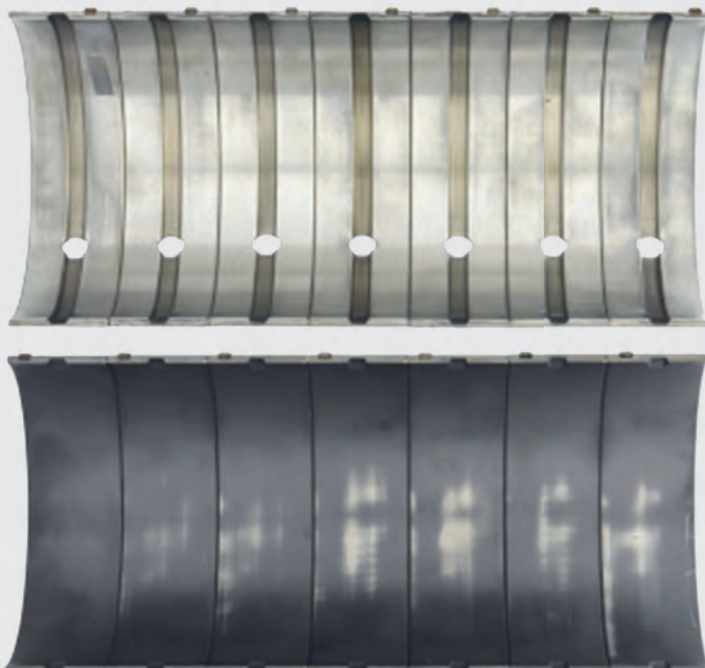
EXHAUST LOBES

Well maintained exhaust lobes demonstrate minimal wear. DURON™ Core Technology demonstrates excellent top end engine protection.



OIL PAN

Oil pan appears very clean with no evidence of sludge. Proof that DURON Core Technology is able to maintain engine cleanliness.



MAIN BEARINGS

The main bearings are in outstanding condition with very low wear. Further proof that DURON Core Technology is able to protect these bearings even under the heaviest of loads.



THE FULL DURON PRODUCT LINE FOR DETROIT DIESEL ENGINES

DURON next generation heavy duty diesel engine oils are formulated to exceed API CK-4 and FA-4 requirements

DURON^{HP} 15W-40



DURON HP 15W-40 is a High Performance heavy duty engine oil that delivers all-weather engine protection including dependable cold start-up and exceptional shear stability. It can deliver extended drain capabilities (exceeding OEM standard intervals)*.



DURON^{SHP} 15W-40



DURON SHP 15W-40 is a Super High Performance synthetic blend heavy duty engine oil that delivers exceptional performance. Outstanding shear stability combined with superior wear protection helps deliver comprehensive protection to vital engine parts over a wide range of operating conditions. DURON SHP 15W-40 is designed to handle more demanding operations, as well as extending drains.



DURON^{SHP} 10W-30



DURON SHP 10W-30 is a Super High Performance synthetic blend heavy duty engine oil that delivers advanced engine protection and all-weather performance. It provides optimal engine durability and can deliver up to 1%** fuel economy improvement. DURON SHP 10W-30 keeps its fresh oil properties longer allowing for extended drains (versus OEM standard intervals)* and reduced need for top-up oil.



DURON^{UHP} 10W-40



DURON UHP 10W-40 is an Ultra High Performance synthetic all-weather heavy duty diesel engine oil. It is formulated to provide exceptional protection against engine wear and extended drain performance (exceeding OEM standard intervals)* even in the harshest operating conditions and maximum allowable load conditions. It combines superior pumpability and shear stability with excellent engine wear control. DURON UHP 10W-40 can potentially help improve fuel economy through ease of start-up, lower viscous drag and avoidance of the need for idling.



* Extending drain intervals should always be undertaken in conjunction with an oil analysis program.

** Comparing an SAE 15W-40 with 4.1cP HTHS vs a 10W-30 with 3.5cP HTHS.



Durability



Engine Protection



Extended Drain



Extreme Temperature



Fuel Economy

DURON^{UHP} 5W-40



DURON™ UHP 5W-40 is an Ultra High Performance full synthetic heavy duty engine oil that provides excellent protection and performance, especially in low temperature environments. It helps conserve energy and reduces engine wear through ease of cold weather start-up and lower viscous drag.



DURON^{UHP} 5W-30



DURON UHP 5W-30 is an Ultra High Performance synthetic all-weather heavy duty diesel engine oil formulated to provide fuel economy benefits and exceptional protection against engine wear and extended drain performance (exceeding OEM standard intervals)* even in severe operating conditions.



DURON^{ADVANCED}

API FA-4



DURON ADVANCED 10W-30 is a synthetic blend heavy duty diesel engine oil formulated to the highest API diesel standards for 4-Stroke engine oils and is suitable for use in extended oil drain service. Extending drain intervals should always be undertaken with good operating practices and maintenance programs including an oil analysis program. FA-4 provides additional fuel savings over CK-4 of the same grade, up to 1%**.



DURON^{GEO LD} 15W-40



DURON GEO LD 15W-40 is specially formulated for the high combustion temperatures in today's Compressed Natural Gas/Liquefied Natural Gas (CNG/LNG) mobile engines. The proven performance technology in DURON GEO LD 15W-40 delivers exceptional engine protection and stay-in-grade capability, helping to maintain the power and fuel economy of "like new" performance longer. DURON GEO LD 15W-40 retains its fresh oil properties longer, making it possible to extend drain intervals safely up to or beyond 1,200 hours* without risk of increased engine wear and sluggish performance.



* Extending drain intervals should always be undertaken in conjunction with an oil analysis program.

** Comparing an SAE 10W-30 with 3.5cP HTHS vs a 10W-30 with 3.1cP HTHS.

API CK-4 - replaces API CJ-4 and previous categories, delivering higher performance levels and backwards compatible for older engines.

API FA-4 - an even more advanced lower viscosity oil that delivers better fuel economy in next generation diesel engines.



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.

To learn more about how Petro-Canada Lubricants can help your business visit:

lubricants.petro-canada.com or contact us at **lubecsr@petrocanadalsp.com**

