

DRIVE YOUR BUSINESS FORWARD

LUBRICANTS FOR THE TRUCKING INDUSTRY



PETRO-CANADA™

LUBRICANTS

Beyond today's standards.™



BETTER
LUBRICANTS.
BETTER
BUSINESS.
FACT.

Whether you're operating one truck or running a fleet, the challenge is the same.

Efficiency.

Margins are everything. Every minute a truck is off the road adds costs instead of driving profits. Every pause for maintenance costs you in parts, in labour and most of all, in lost time on the road.

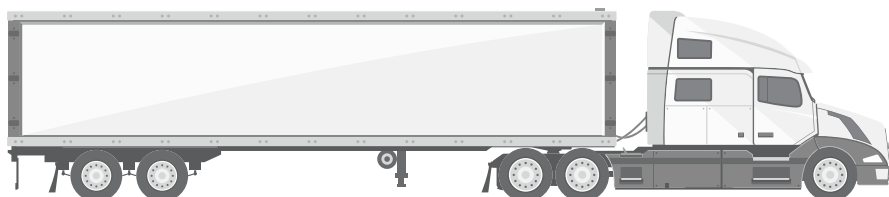
The secret is to reduce running costs everywhere you can, from stretching oil drain intervals to the Big One – the total costs of fuel.

That's why using the wrong lubricants can be so costly – and why using the right ones is so valuable.

EFFICIENCY, POWERED BY PETRO-CANADA LUBRICANTS

Here's another fact. Every product in our latest line of heavy duty diesel engine oils, gear oils and specialty fluids has been engineered specifically to make your trucking business more efficient and more profitable.





> HEAVY DUTY DIESEL ENGINE OILS

The performance of DURON™ has been shaped by the ultra-tough demands of API CK-4 and FA-4, to make heavy duty diesel engines more efficient.

The result - the most **durable** engine oils we've ever made.

DURON exceeds the toughest category tests of oil strength, including what you need most - better engine protection, longer time between oil drains, more reliable trucks even in extreme operating conditions - and more miles on every gallon of fuel.

> CNG/LNG ENGINE OIL

DURON GEO provides exceptional engine protection and is specifically formulated for the high combustion temperatures in today's natural gas mobile engines as well as mixed fleets.

> GEAR OILS

TRAXON™ provides superb wear protection to extend equipment life and reduce maintenance costs.

> GREASES

PRECISION™ premium multi-application greases have been specially formulated for advanced protection.

> HYDRAULIC FLUIDS

HYDREX™ lasts longer and provides better wear protection. HYDREX means more uptime, increased productivity and better energy efficiencies.

> AUTOMATIC TRANSMISSION FLUIDS

Petro-Canada Lubricants' ATF's excel in oxidation stability and low temperature performance to deliver essential wear protection and productivity benefits.





DURON™
THE TOUGHER
THE BETTER.™

Keeping your business profitable, efficient and ahead of your competitors has never been tougher.

But tough is just the way we like it.

Driven by API CK-4 and FA-4, we've made DURON™ our most durable, most protective, most advanced product line ever.

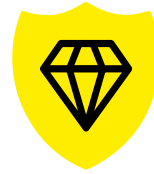
DURON's ready to improve your reliability, extend your drain intervals, and cut your fuel costs - however extreme your operating conditions.

Because when you know your oil can handle extreme challenges, you know it can handle anything.

And DURON loves a challenge.

THE TOUGHER. THE BETTER.™

EXTREME PERFORMANCE WHERE YOU SEE THESE SYMBOLS



DURABILITY



ENGINE
PROTECTION



EXTENDED
DRAIN



EXTREME
TEMPERATURE



FUEL
ECONOMY

DURON™ oils have advanced across a whole range of performance and protection measures. Look for the performance symbols on DURON labels.

"We made the commitment to Petro-Canada Lubricants for two reasons. We chose based on our confidence in the advanced engine protection technology. Secondly, and equally important to us, is how Petro-Canada Lubricants stood out as an innovative supplier that could do more, acting as a true partner."

CHRIS IVESON, DIRECTOR OF MAINTENANCE,
CHALLENGER



DURON™ - STRONGER IN EVERY WAY

LAST GENERATION API CJ-4 vs. API CK-4



Engine Protection

41% Improvement in tappet wear as demonstrated in one of the toughest industry tests – Cummins ISB.



Engine Protection

15% Improvement in engine protection as demonstrated in the MACK T-12 Test.



Engine Protection

51% Improvement in cam lobe wear as demonstrated in one of the toughest industry tests – Cummins ISB.



Durability

12% Improvement in soot handling as demonstrated in the MACK T-11 test.



Extreme Temperatures

6% Improvement in cold temperature start up as demonstrated @ -20°C / -4°F in the Cold Crank test.



Extended Drains*

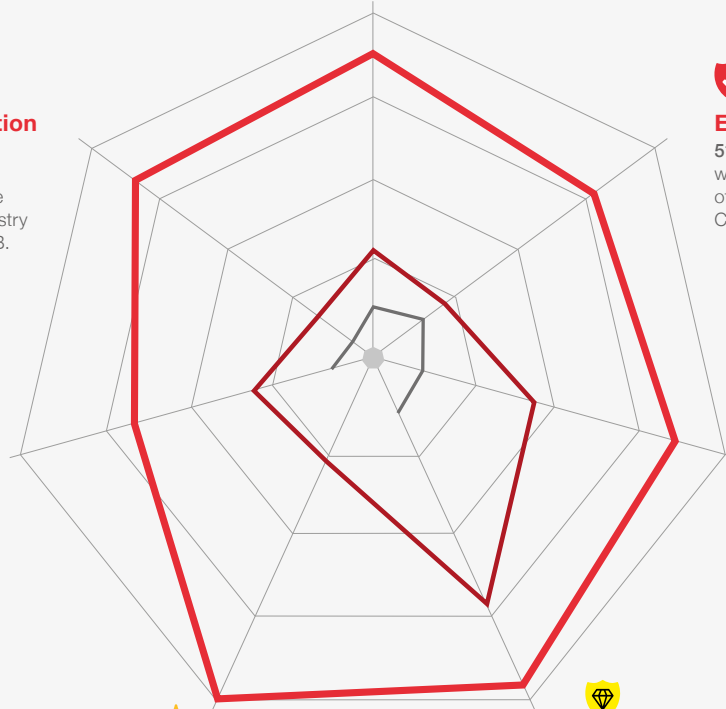
19% Improvement in ability to neutralize acids within the oil (TBN) to deliver extended drain capabilities.



Durability

33% Improvement in shear stability to deliver better stay in grade durability as demonstrated in field tests.

*Shear Stability does not have a specification limit, and is represented as such on the spider diagram.



DURON SAVES YOU MONEY.

WE'RE READY TO PROVE IT.

BRING US YOUR CHALLENGES.

THE TOUGHER. THE BETTER.™

Whatever your challenges, Petro-Canada Lubricants is ready to prove that DURON heavy duty diesel engine oils can increase your reliability and reduce your costs. **IT'S PROOF TIME.**

THE DURON CHALLENGE

IT'S PROOF TIME



PREMIUM HEAVY DUTY DIESEL ENGINE OILS



COMPLIMENTARY DRUM OF DURON



USED OIL ANALYSIS THROUGHOUT THE CHALLENGE



EXPERT SUPPORT THROUGHOUT THE CHALLENGE



100% OF OPERATORS THAT TOOK THE CHALLENGE SAW THE BENEFITS

CHALLENGE US TODAY AT **DURONCHALLENGE.COM**



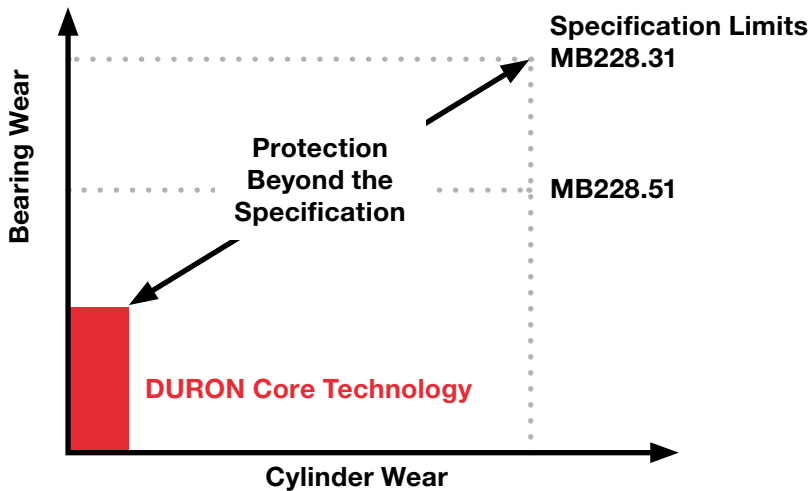
EXTREME PERFORMANCE



MAXIMUM DURABILITY

DURON™ engine oils outperformed both the API CK-4 and FA-4 specifications and the previous generation DURON product line across a number of the toughest durability tests tied to oxidation control, shear stability and aeration control.

OM501LA ENGINE TEST PART OF MB228 SPECIFICATION



Beyond industry standards

In both bearing and cylinder wear control, DURON Core Technology performs far beyond industry standards.



OXIDATION CONTROL.
High operating temperatures can lead to increased oil thickness and deposit formation



AERATION CONTROL.
Air bubbles can form in oil preventing the ability of the oil film to protect engine parts, potentially causing wear and maintenance/repair costs



SHEAR STABILITY.
Under stress, large viscosity modifier molecules may 'shear', causing the oil to lose control of viscosity and drop out of grade which could compromise protection

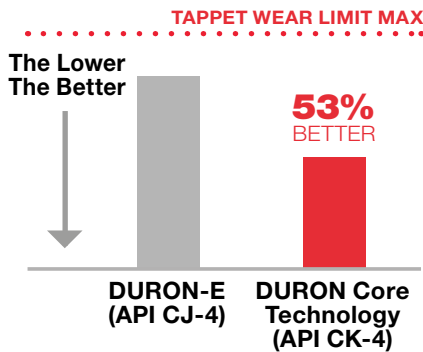
EXTREME PERFORMANCE



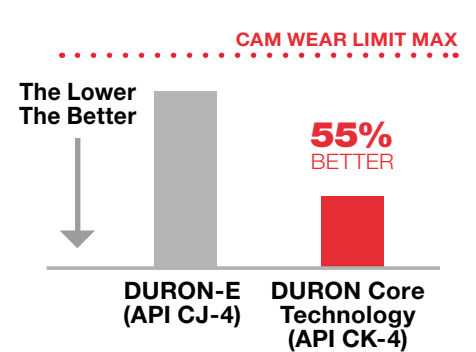
MAXIMUM ENGINE PROTECTION

DURON™ engine oils provide our highest ever levels of engine protection to deliver maximum uptime for your fleet. The proof? Look at DURON's performance in the Cummins ISB wear test, one of the toughest engine performance tests in the whole PC-11 category. DURON proves performance well below the specification limit.

TAPPET WEAR



CAM WEAR



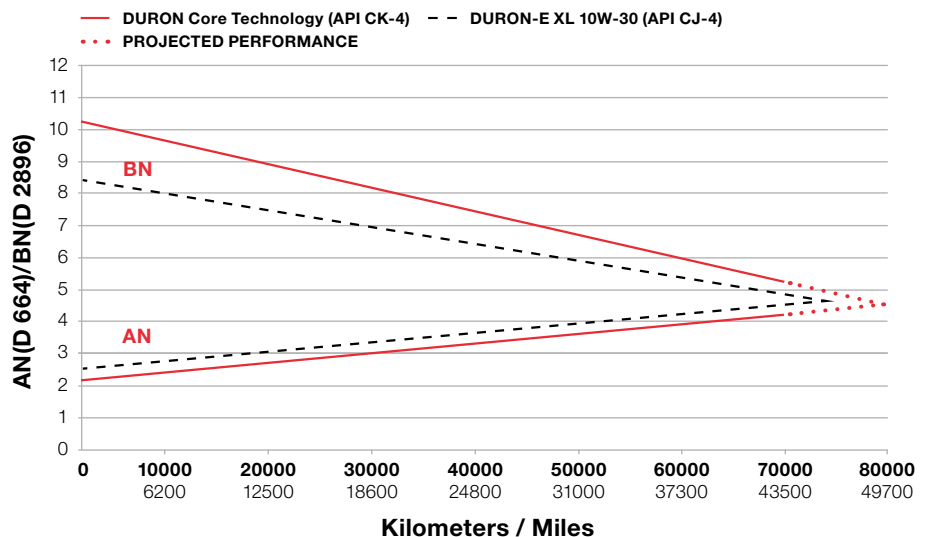
DURON API CK-4 is a significant upgrade in performance compared to DURON API CJ-4 as demonstrated in the Cummins ISB test that means ultimate engine protection.



MAXIMUM EXTENDED DRAINS*

More uptime between oil drains adds value to the bottom line. DURON engine oils deliver extended drain capabilities with no compromise to reliability and engine protection

EVEN WITH 140,000lb LOADS



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

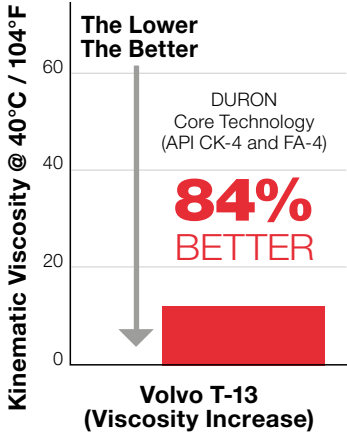


EXTREME HIGH AND LOW TEMPERATURE PERFORMANCE

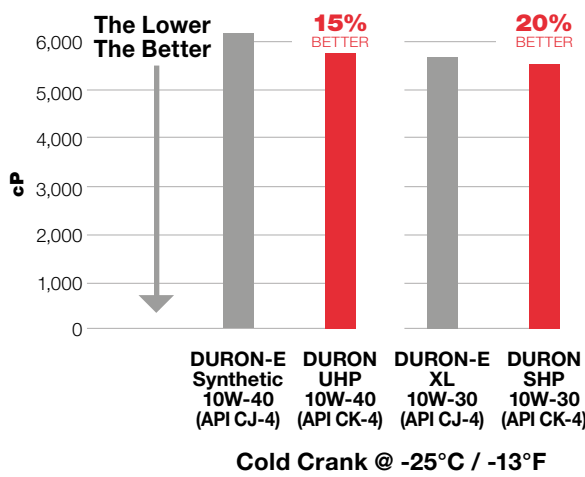
It may be $-40^{\circ}\text{C}/^{\circ}\text{F}$ or even $50^{\circ}\text{C}/122^{\circ}\text{F}$ outside. It could even get up to $500^{\circ}\text{C}/932^{\circ}\text{F}$ in the engine. That's no match for DURON™. We've built our reputation on superior performance at every temperature extreme – and DURON sets new standards.



API CK-4 & FA-4 SPECIFICATION LIMIT



API CK-4 & FA-4 SPECIFICATION LIMIT

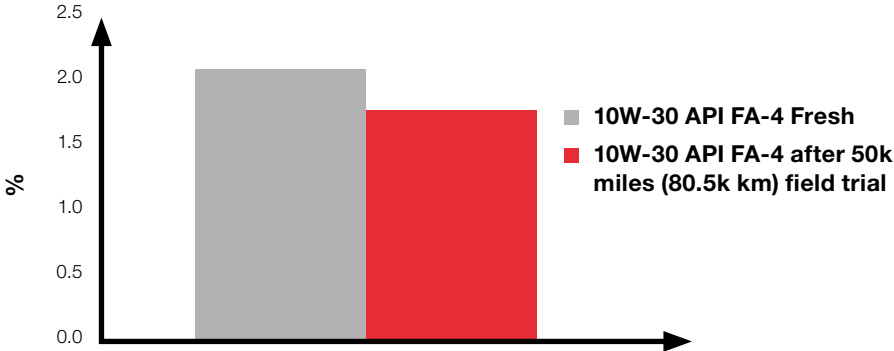


ENHANCED FUEL ECONOMY

Fuel. A massive variable cost. Improvements to fuel economy go straight to your bottom line. Using lower viscosity engine oils can help boost fuel economy throughout the drain interval without compromising engine protection. That's just good for business.



Fuel Economy Improvement



New and retained fuel economy

Even after 50k miles (80.5k km) on the oil, DURON Core Technology API FA-4 10W-30 delivers up to 1.8% better fuel economy (vs. an SAE 15W-40 API CJ-4)

DURON™ ON-ROAD

The DURON on-road product line delivers immediate efficiency gains, including the potential for extended drain intervals* and fuel savings both for older trucks (using DURON API CK-4 products) and the latest, most advanced trucks which can utilize DURON Advanced and save even more.

		Durability	Engine Protection	Extended Drain	Extreme Temperature	Fuel Economy
DURON^{HP} High Performance	DURON HP 15W-40 CK-4					
	DURON SHP 15W-40 CK-4					
DURON^{SHP} Super High Performance	DURON SHP 10W-30 CK-4					
	DURON UHP 10W-40 CK-4					
DURON^{UHP} Ultra High Performance	DURON UHP E6 10W-40 CJ-4					
	DURON UHP 5W-30 CK-4					
	DURON UHP E6 5W-30 CJ-4					
	DURON ADVANCED 10W-30 FA-4					
DURON^{ADVANCED}	DURON ADVANCED 5W-30 FA-4					

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

STRONGER IN EVERY WAY

DURON™ CORE TECHNOLOGY IN ACTION

COMPONENT WEAR - 2014 CUMMINS ISX 15.0L ENGINE AFTER HALF A MILLION MILES IN THE FIELD



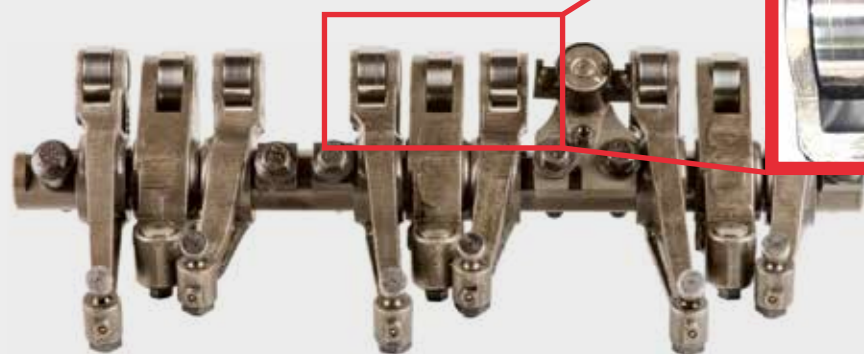
LINERS

Liners are still in excellent condition, demonstrating minimal wear with cross hatching marks clearly intact.



CAM ROLLERS

Well maintained cam followers demonstrate minimal wear.



CAMSHAFT

Cam lobes appear to be in excellent condition with minimal wear.

TOUGHER PRODUCT LINE...

... SAME BASE OIL PURITY

At the heart of DURON, we use the HT purity process to produce 99.9% pure, crystal clear base oils – one of the purest in the world.



... SAME SERVICE EXCELLENCE

Our team of global lubricants specialists are here to support you. They are here to help you to find the lubricants you need to keep your vehicles and equipment performing and protected. From minimizing downtime and extending drain intervals to savings on fuel costs, we'll give you support that's just good for business.

GEAR OILS

TRAXON™ EXTENDS YOUR EQUIPMENT LIFE AND REDUCES MAINTENANCE

Petro-Canada Lubricants' TRAXON is your best choice for a premium multigrade line of gear oils. TRAXON gear oils are specially formulated to provide excellent shear stability and longer oil life for exceptional long-lasting protection to help you extend equipment life and reduce downtime and maintenance costs.



TRAXON E SYNTHETIC

A premium line of synthetic lubricants formulated to meet the "Genuine Roadranger" extended drain and warranty performance requirements set by Eaton Corporation (for transmissions) and Dana CVSD Corporation (for axles).

TRAXON SYNTHETIC

Year-round full synthetic gear oils formulated to provide extended drain capabilities and outstanding temperature protection in extreme cold weather conditions.

TRAXON SYNTHETIC MTF 75W-80

Suitable for Volvo I-Shift and Mack mDrive synchronized automated manual transmission applications and can be used in a range of existing and new vehicles using ZF transmissions, including those fitted with ZF-Intarders.

TRAXON XL SYNTHETIC BLEND

These multigrade gear oils deliver excellent low temperature protection, better shear stability and longer oil life for exceptional long-lasting protection.

TRAXON

Formulated to provide exceptional long-lasting wear protection, these multigrade gear oils extend equipment life and reduce downtime and maintenance costs.



YOUR ULTIMATE PROTECTION PLAN.



GREASES

PRECISION™ A premium line of multi-application lithium greases specially formulated for advanced protection.

BETTER LONG-LIFE PROTECTION

PRECISION greases can last up to 3 times longer than other brands in wheel bearings (ASTM D3527), and stay in place even under the most challenging operating conditions.

BETTER WATER WASHOUT PROTECTION

PRECISION greases can provide high performance and it has been demonstrated when compared against leading competitors' premium multi-application products. High water washout resistance means less re-greasing and maintenance.



BETTER EXTREME PRESSURE PROTECTION

PRECISION greases are ideally suited for the demands of highway, off-road and farm vehicles, running under the toughest conditions.

PEERLESS™ greases are premium performance, multi-application calcium formulated to reduce operating costs and provide extended protection in high temperature or wet operating conditions.

Several PRECISION and PEERLESS greases meet the NLGI's GC-LB rating for wheel bearing and chassis lubrication and are ideal for applications in a wide range of trucking equipment.

Please see application recommendation on pg.12



HYDRAULIC FLUIDS

EXPECT TO REALIZE MORE WITH HYDREX™

With HYDREX, you can reduce maintenance and mechanical failures, and prolong the life of your equipment.

Proven to provide up to 2x¹ better wear protection than global competitors, its combination of pure base oils and carefully selected additives delivers exceptional anti-wear protection. HYDREX lasts up to 3x¹ longer than global competitors extending drain intervals and reducing time and money spent on fluid change-outs.

Designed for hydraulic systems exposed to wide temperature ranges, HYDREX increases equipment precision and responsiveness even in the toughest conditions.



¹Measured against leading North American hydraulic oil brands.

HYDREX helps keep your operation running smoothly.



AUTOMATIC TRANSMISSION FLUIDS

Petro-Canada Lubricants' ATFs represent a careful balance of properties needed to meet and exceed the requirements of automatic transmissions. Petro-Canada Lubricants' ATFs excel in oxidation stability, low-temperature fluidity and wear protection to deliver the performance you require and the increased productivity you want.

DURADRIVE™ HD SYNTHETIC BLEND ATF

Petro-Canada Lubricants offers ATFs specifically formulated for commercial and heavy duty applications.

DuraDrive Heavy Duty (HD) Synthetic Blend ATF is the preferred fluid during the base and extended warranty period for the Voith Turbo DIWA transmissions in North America.

Approved for: Voith (H55.6336. xx DIWA Service Bulletin 013 & 118, formerly G1363) 72,000 mile and ZF TE-ML 14B extended drain applications. Additional recommended applications included in OEM chart at the back of the brochure.

DURADRIVE HD LONG DRAIN ATF

A full synthetic formulation, DuraDrive HD Long Drain ATF is approved for maximum drain in Voith transmissions. Excellent wear protection, oxidation control and friction durability demonstrated in extensive rig testing and field trials. Enhanced thermal and oxidative stability together with reliable high and low temperature properties delivers excellent performance in a wide range of transmissions.

Approved for: Voith (150.014524.xx DIWA Service Bulletins 013 and 118) maximum drain of 180,00 km. Additional recommended uses in OEM chart.

Petro-Canada Lubricants also offers automatic transmission fluids for DEXRON®-VI, ATF+4®, MERCON®-V and MERCON®-LV applications.



MERCON® is a registered trademark of Ford Motor Company.
DEXRON® is a registered trademark of General Motors LLC.
ATF+4® is a trademark of FCA US LLC, used under license.

DRIVING BIGGER SAVINGS

DURON™ GEO LD engine oils are designed for today's Compressed Natural Gas/Liquefied Natural Gas (CNG/LNG) mobile engines that are powering savings in fuel costs for transit authorities, cement mixers, refuse fleets and even long-haul vehicles.



NOW, DURON GEO LD ALSO PROVIDES PREMIUM PERFORMANCE FOR HEAVY DUTY DIESEL AND GASOLINE ENGINES.

EXCEEDING ALL OEM-REQUIRED TESTS

Not only have DURON GEO LD 15W-40 and 10W-30 earned Cummins CES 20092 approvals, they are fully backserviceable to CES 20085 specifications. DURON GEO LD oils are also API Service CK-4/SN licensed and approved by other major diesel engine OEMs like Detroit Diesel, Mack, Volvo and Renault. For engines requiring Cummins CES 20074 approvals, use SENTRON VTP 10W-40.



ADVANCED ENGINE PROTECTION

Using consistently high quality engine oils can help engines maintain optimal power and fuel economy. With its high resistance to nitration and oxidative thickening, DURON GEO LD protects your mobile engines.

EXTENDED DRAIN INTERVALS

DURON GEO LD engine oils retain their fresh oil properties longer, making it possible for you to safely extend your drain intervals up to 1000 hours* without the risk of increased engine wear and sluggish performance. Your trucks can spend more time on the road and you save on costly downtime and manpower.



ALL-WEATHER PERFORMANCE

In cold temperatures, DURON GEO LD pumps quickly and easily through the engine, providing exceptional protection against wear and tear that can occur if the oil thickens at low temperatures. DURON GEO LD also performs well in high operating temperatures, providing exceptional shear stability and stay-in-grade capability.

DURON GEO LD PROTECTS YOUR INVESTMENT

You've made the investment in natural gas, now it's important to protect that investment as best you can. With DURON GEO LD you get a premium oil and all the benefits it provides – extended drain intervals up to 1000 hours*, best-in-class all-weather performance, and proven performance technology for exceptional engine protection and stay-in-grade capability.

DURON GEO LD engine oils have earned the demanding Cummins CES 20092 approval and they are backserviceable to CES 20085 specifications. With suitability in both heavy duty diesel and gasoline engines, DURON GEO LD is an ideal choice for ultimate protection in mixed fleets.

START PURE. FINISH STRONG

Like all DURON heavy-duty engine oils, DURON GEO LD engine oils begin with a 99.9% pure base oil and are specially formulated to deliver better performance and longer-lasting protection. In the end, better base oils mean better performance, so your entire fleet of engines get the ultimate in performance benefits from your oil.

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



TM/MC

COMPLETE PRODUCT LINE. COMPLETE FLEET PROTECTION.



TRANSMISSION

- TRAXON™ E Synthetic MTF
- DURADRIVE™ HD Synthetic Blend or Long Drain ATF
- TRAXON Synthetic CD-50
- TRAXON Synthetic MTF 75W-80

WHEEL BEARINGS

- PRECISION™ Synthetic EP00
- PRECISION XL EP00



DIFFERENTIALS AND AXLES

- TRAXON 80W-90, 85W-140
- TRAXON XL Synthetic Blend 80W-140, 75W-90
- TRAXON E Synthetic 75W-90, 80W-140
- TRAXON Synthetic 75W-90



KING PIN & FIFTH WHEEL

- PRECISION XL 3 Moly EP1 & EP2
- PEERLESS™ OG2 or OG2 Red
- VULTREX™ G-123 and G-124



ENGINE CRANKCASE

- DURON™ HP
- DURON SHP
- DURON UHP
- DURON Advanced



COOLANT SYSTEM

- HD Expert Premium 50/50 Premix
- HD Expert Classic 50/50 Premix

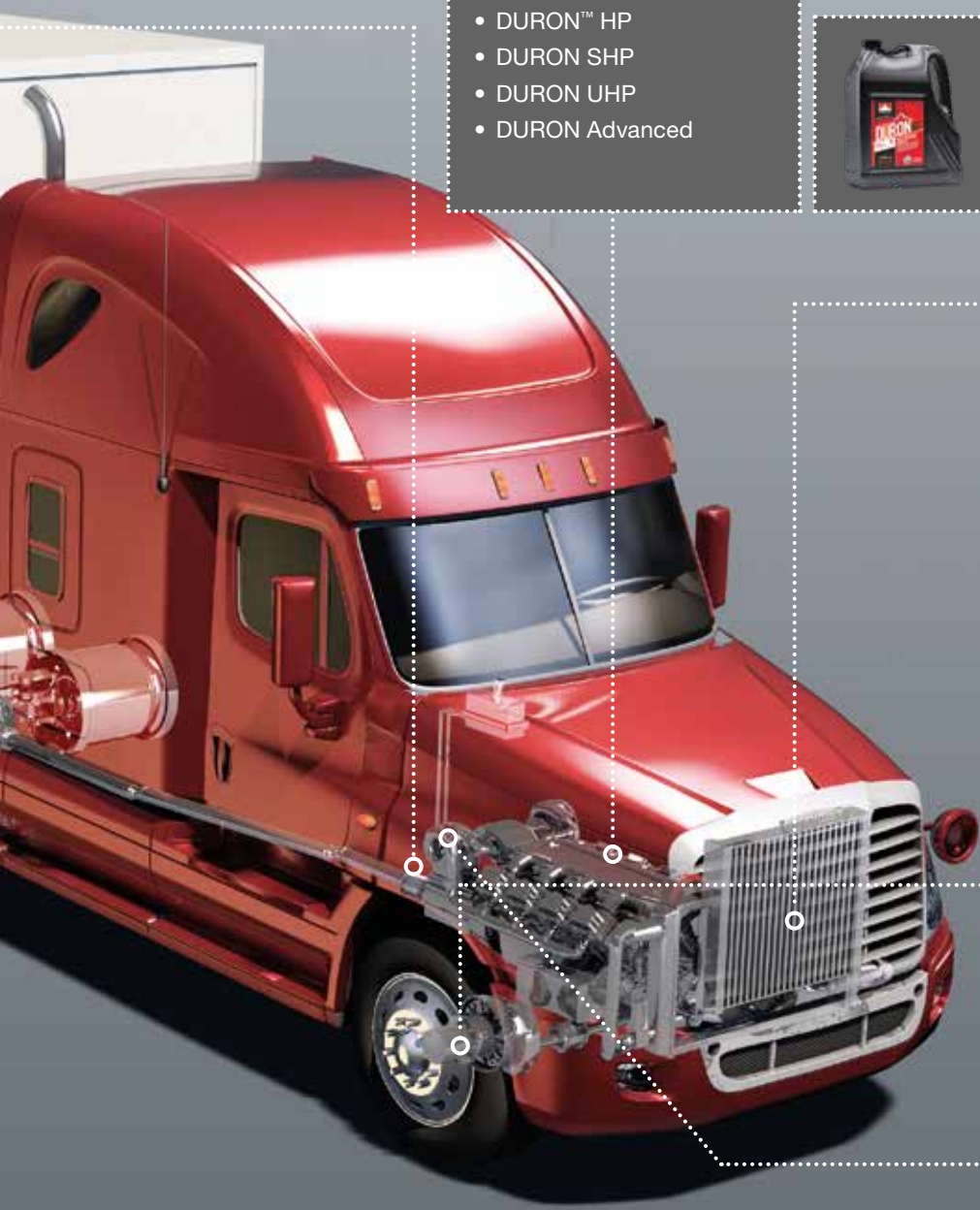


GREASE POINTS, RODS & PINS

- PRECISION Synthetic
- PRECISION XL EP

CLUTCH BEARINGS

- PRECISION Synthetic
- PRECISION XL EP



APPROVED FOR YOUR ENGINES BY THE WORLD'S OEMs

Heavy Duty Diesel Engine Oil Recommended Applications



Products		DURON™ HP 15W-40	DURON SHP 15W-40	DURON SHP 10W-30	DURON UHP 10W-40	DURON UHP 5W-30	DURON UHP 5W-40	DURON UHP 0W-30 / 0W-40	DURON UHP E6 5W-30	DURON UHP E6 10W-40	DURON ADVANCED 5W-30	DURON ADVANCED 10W-30
	ACEA	✓ E7, E9	✓ E7, E9	✓ E7, E9	✓ E7, E9	✓ E7, E9			✓ E4, E6, E7, E9	✓ E4, E6, E7, E9		
	API	★ CK-4 / SN	★ CK-4 / SN	★ CK-4 SN*	★ CK-4 / SN	★ CK-4 SN*	★ CK-4 / SN	• CK-4 / SN	★ CJ-4 / SN	★ CJ-4 / SN	★ FA-4	★ FA-4
	Caterpillar	✓ ECF-3, TO-2	✓ ECF-3, TO-2	✓ ECF-3, TO-2	✓ ECF-3, TO-2	✓ ECF-3, TO-2	✓ ECF-3, TO-2	• ECF-3, TO-2	✓ ECF-3	✓ ECF-3		
	Cummins	★ CES 20086	★ CES 20086	★ CES 20086	★ CES 20086	★ CES 20086	★ CES 20086	• CES 20086	★ CES 20081	★ CES 20081	★ CES 20087	★ CES 20087
	DAF	✓ Standard Drain	✓ Standard Drain	• Standard Drain	✓ Standard Drain	• Standard Drain			✓ Standard and Extended Drain	✓ Standard and Extended Drain		
	Detroit Diesel	★ DFS 93K222	★ DFS 93K222	★ DFS 93K222	★ DFS 93K222	★ DFS 93K222	★ DFS 93K222		★ DFS 93K218	★ DFS 93K218	★ DFS 93K223	★ DFS 93K223
	Deutz	★ DQC III-10 LA	★ DQC III-10 LA		★ DQC III-10 LA				★ DQC IV-10 LA	★ DQC IV-10 LA		
	Ford	★ WSS-M2C171-F1	★ WSS-M2C171-F1	★ WSS-M2C171-F1	★ WSS-M2C171-F1	★ WSS-M2C171-F1	★ WSS-M2C171-F1					
	GM	• 9985930	• 9985930	• 9985930	• 9985930							
JASO	JASO	• MA2, DH-1 DH-2	• MA2, DH-1 DH-2	• MA2, DH-1 DH-2	• MA2, DH-1 DH-2			• MA2				
	Mack	★ EOS-4.5	★ EOS-4.5	★ EOS-4.5	★ EOS-4.5	★ EOS-4.5	★ EOS-4.5		★ EO-O PP '07	★ EO-O PP '07		
	MAN	• 3575, 3275-1	• 3575, 3275-1						★ 3271-1, 3477, 3677, 3691	★ 3271-1, 3477		
	Mercedes-Benz	★ 228.31	★ 228.31	★ 228.31					★ 228.51	★ 228.51		
	MTU	★ Type 2.1	★ Type 2.1						★ Type 3.1	★ Type 3.1		
	Renault	★ RLD-4	★ RLD-4	★ RLD-4	★ RLD-4	★ RLD-4	★ RLD-4		★ RLD-3	★ RLD-3		
	Scania								✓ LDF-4**	✓ LA**		
	Volvo	★ VDS-4.5	★ VDS-4.5	★ VDS-4.5	★ VDS-4.5	★ VDS-4.5	★ VDS-4.5		★ VDS-4	★ VDS-4		

* Use of a diesel engine oil for gasoline applications may compromise the life of the emissions device. Please refer to the owner's manual to ensure proper oil is used.

** Technical confirmation of meeting performance requirements received from Scania.

★ Approved for Use | • Suitable for Use | ✓ Meets Specifications














HYDRAULIC FLUIDS Recommended Applications

Products	HYDREX™ AW 32	HYDREX AW 46	HYDREX AW 68	HYDREX MV 32	HYDREX MV 46	HYDREX MV 68	HYDREX XV All Season
Bosch Rexroth	◆	◆	◆	◆	◆	◆	◆
Denison HF-0	★	★	★	★	★	★	★
Eaton E-FDGN-TB002-E	★	★	★	★	★	★	★

★ Approved for Use | ◆ Recommended for Use

CNG/LNG Recommended Applications

Products		DURON™ GEO LD 15W-40		DURON GEO LD 10W-30		Products		DURON GEO LD 15W-40		DURON GEO LD 10W-30	
	ACEA	✓	E7, E9	✓	E7, E9		Mack	★	EOS-4.5	★	EOS-4.5
	API	★	CK-4/SN	★	CK-4/SN		Mercedes-Benz	✓	228.31		
	Caterpillar	✓	ECF-3	✓	ECF-3		MTU	✓	TYPE 2.1		
	Cummins	★	CES 20092, CES 20086	★	CES 20092, CES 20086		Renault	★	RLD-4	★	RLD-4
	Detroit Diesel	★	DFS 93K222	★	DFS 93K222		Volvo	★	VDS-4.5	★	VDS-4.5
	JASO	●	DH-2	●	DH-2						

★ Approved for Use | ● Suitable for Use | ✓ Meets Specifications

GEAR OILS Recommended Applications

Products	TRAXON™ 80W-90	TRAXON 85W-140	TRAXON XL Synthetic Blend 75W-90	TRAXON XL Synthetic Blend 80W-140	TRAXON Synthetic 75W-85	TRAXON Synthetic 75W-90	TRAXON E Synthetic 75W-90	TRAXON E Synthetic 80W-140	TRAXON E Synthetic MTF	TRAXON Synthetic CD-50	TRAXON Synthetic MTF 75W-80
API GL-4										✓	✓
API GL-5	✓	✓	✓	✓	✓	✓	✓	✓			
API MT-1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Bosch TE-ML 08											•
Dana CVSD SHAES 256 Rev E							★				
Dana CVSD SHAES 429 Rev A *							★	★			
Eaton PS-164 Rev 7 (obsolete)										•	
Eaton PS-386 **									★		
International TMS 6816 / Navistar MPAPS B-6816 Type I							✓	✓		•	
International TMS 6816 / Navistar MPAPS B-6816 Type II									✓		
Navistar MPAPS B-6821							✓	✓			
Mack GO-J	★	★	★	★	•	★		✓			
Mack GO-J Plus							✓				
Mack TO-A Plus									✓		
MAN 341 Typ Z4											★
Meritor 0-76-A		✓									
Meritor 0-76-B				✓				★			
Meritor 0-76-D	✓										
Meritor 0-76-E			✓			★					
Meritor 0-76-J					✓						
Meritor 0-76-N							★				
Meritor 0-80								★			
Meritor 0-81										•	
SAE J2360 ***	★ PRI GL 0794 and 0919	★ PRI GL 0795 and 0920	★ PRI GL 0796 and 0951	★ PRI GL 0914	★ PRI GL 1013	★ PRI GL 0841	✓	✓			
Scania STO 1:0 (axles)		✓		✓							
Scania STO 1:0 (axles and gearboxes/MT)	✓		✓			✓					
Volvo 97305											•
Volvo 97307											★
Volvo 97312					•						
ZF TE-ML -01L, 02L, 13 (where stipulates ZF TE-ML 02L), 16K											★ (ZF002286)
ZF TE-ML - 17B	★ (ZF000764 and ZF003389)					★ (ZF002212)					
ZF TE-ML -05A, 12M, 16B, 19B, 21A	★ (ZF000764 and ZF003389)										
ZF TE-ML -05A, 12M, 16D, 21A		★ (ZF000778 and ZF003390)		★ (ZF002287)							
ZF TE-ML - 05A, 16B, 21A						★ (ZF002212)					

* Products meeting these specifications are required as part of the Eaton "Genuine Roadranger" extended drain and warranty performance requirements set by Eaton Corporation (for transmissions) and Dana CVSD Corporation (for axles).

** For use in Eaton transmissions such as UltraShift Plus, Fuller Advantage Series (FAS), FR and RT Series.

*** SAE J2360 global standard (formerly MIL-PRF-2105E).

★ Approved for Use | • Suitable for Use | ✓ Meets Specifications

GREASES Recommended Applications

Products	NLGI Grade	Composition	Operating Temperature Range (°C)	Application
PRECISION Synthetic	1	Lithium Complex (Colour = Gold)	-40 to 170	Specially designed to provide protection over a wide range of operating temperatures, for all-season protection. Delivers outstanding cold weather performance without compromising high temperature lubrication.
PRECISION XL EP1	1	Lithium Complex (Colour = Green)	-25 to 160	Specially designed for automotive wheel bearings, chassis points on on-road and off-road vehicles.
PRECISION Synthetic EP00	00	Lithium Complex (Colour = Gold)	-40 to 170	Semi-fluid grease. Specifically designed for lubricating truck/trailer wheel-end bearings.
PRECISION XL EP2	2	Lithium Complex (Colour = Green)	-20 to 160	Specially designed for automotive wheel bearings, chassis points on on-road and off-road vehicles.
PEERLESS LLG	2	Calcium Sulphonate Complex (Colour = Burgundy)	-20 to 200	Recommended for "sealed-for-life" bearings, other high temperature and long-life applications. Designed to match the performance of Polyurea greases.
PEERLESS OG1	1	Calcium Sulphonate Complex (Colour = Tan)	-30 to 163	Recommended for applications requiring water resistance. Effective at resisting changes in consistency and still providing rust protection.
PEERLESS OG2	2	Calcium Sulphonate Complex (Colour = Tan)	-25 to 163	Recommended for applications requiring water resistance. Effective at resisting changes in consistency and still providing rust protection.
PEERLESS OG2 Red	2	Calcium Sulphonate Complex (Colour = Red)	-25 to 163	Recommended for applications requiring water resistance. Effective at resisting changes in consistency and still providing rust protection. Dyed red for applications requiring greater grease visibility.

AUTOMATIC TRANSMISSION FLUIDS Recommended Applications

OEM Specification	DuraDrive™ HD Synthetic Blend ATF	DuraDrive HD Long Drain ATF
	This ATF is suitable for use in heavy duty fleets for up to 50,000 miles (80,000 km) in severe service and 100,000 miles (160,000 km) in normal service as defined by the OEM Guidelines.	This ATF is suitable for use in heavy duty fleets for extended 75,000 miles (120,000 km) and up to 112,000 miles (180,000 km) as defined by the OEM Guidelines.
Voith H55.6335.xx (standard drain, 60K km) xx- VTI-DIWA Service Bulletins 013 and 118	Approved	-
Voith H55.6336.xx (extended drain, 120K km) xx- VTI-DIWA Service Bulletins 013 and 118	Approved	-
Voith 150.014524.xx (maximum drain, 180K km) xx- VTI-DIWA Service Bulletins 013 and 118	-	Approved
ZF TE-ML 14B (extended drain)	Approved (ZF001236)	-
ZF TE-ML 03D, 04D, 16L, 17C	Approved (ZF001236)	-
ZF TE-ML 14C, 20C	-	Approval pending*
ZF TE-ML 04D, 16M	-	Approval pending*
Allison TES-295	SFU	-
Allison C-4 (legacy)	C-4 29493700	-
MAN 339 Typ V2, Z2	SFU	-
MAN 339 Typ V1, V2, Z3, Z12	-	Approval pending*
Mercedes-Benz MB 236.1/ .5/ .6/ .7	SFU	-
Mercedes-Benz MB 236.9	-	Approval pending*
Volvo 97341	SFU	Approval pending*
Caterpillar TO-2 (obsolete)	SFU	-
Ford MERCON® V	SFU	-
DEXRON® -III(H), -III(G), -II(E), or -II	SFU	-

They can also be used as hydraulic or power steering fluids.

SFU = Suitable for use.

* Paperwork in progress.



OUR NO-NONSENSE LUBRICANTS WARRANTY

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