

CHEVRON DELO[®] HEAVY-DUTY ENGINE OILS

Product Offering, Application and Competitive Comparison



Delo[®]

IT ALL STARTS WITH THE RIGHT ENGINE OIL

Chevron Delo® Heavy-Duty Engine Oils

Chevron's heavy-duty diesel engine oils are engineered to deliver industry leading engine durability, reliability and efficiency. Our oils work in synergy with the changing conditions in your engine to extend engine and aftertreatment life, optimize drain intervals and increase fuel efficiency.



Durability

Choosing an oil that's engineered to meet the unique demands your engines face every day can significantly improve durability across your entire fleet.

- Extend maintenance intervals
- Lower Total Cost of Ownership (TCO)
- Increase vehicle and equipment life



Reliability

Choosing an oil with protection that lets you reduce the number of annual oil drains can keep your fleet on the job.

- Increase uptime
- Reduce maintenance costs
- Optimize service intervals



Efficiency














Choosing an oil formulated to protect your engine in extreme conditions while increasing fuel efficiency can have a significant impact on your bottom line.

- Lower fuel costs
- Lower GHG emissions*
- Improve competitive advantage

















*Enabled CO2 Reduction is an estimate of avoided CO2 emissions based solely on Chevron's estimate of the diesel fuel saved when using the selected product (as compared to SAE 15W-40 oil) multiplied by the EPA/DOT common conversion factor of 22.44 lbs. / 10.18 kgs. of CO2 emissions/gallon (Federal Register 2010). This estimate does not factor in any other CO2 emissions released or avoided during the product's lifecycle and, in accordance with corporate reporting practices, should not be used to calculate Scope 1 emissions of an organization, its operations or its fleet or for any other greenhouse (GHG) emissions reporting.



CHOOSE THE RIGHT OIL FOR YOUR OPERATION




PRODUCT	Chevron Delo 600 ADF OMNIMAX™ Technology	Chevron Delo 400 XSP ISOSYN™ Advanced Technology	Chevron Delo 400 XSP-FA ISOSYN™ Advanced Technology
OIL TYPE	Synthetic Technology	Full Synthetic	Full Synthetic
API CATEGORY	CK-4	CK-4	FA-4
VISCOSITY GRADES	10W-30, 15W-40	5W-30, 5W-40, 15W-40	5W-30
			
PACKAGE STYLES	Gallon, Pails, Drum, Bulk	Gallon, Pails, Drum, Bulk	Gallon, Pails, Drum, Bulk
COMPONENT LIFE	 Improve Engine and After Treatment System Life: Extend DPF Cleaning 2.5X	 Maximize Engine Life: Improve valve train and piston ring wear protection	 Maximize Engine Life: Improve valve train and piston ring wear protection
OIL DRAIN INTERVALS	 Extended Drain Potential 1.7X*	 Extended Drain Potential 2X*	 Extended Drain Potential 2X*
FUEL ECONOMY	 Improvement Potential 3%** 15W-40 CK-4 4.2%** 10W-30 CK-4	 Improvement Potential 1.6%** 5W-30 CK-4	 Improvement Potential 2.3%** 5W-30 FA-4
FUEL TYPE	Conventional: Diesel Lower Carbon: Renewable Diesel Natural Gas Renewable Natural Gas	Conventional: Diesel Gasoline Lower Carbon: Renewable Diesel	Conventional: Diesel Gasoline Lower Carbon: Renewable Diesel

*Extended oil drain interval (ODI) potential is based on the average of US Class 8 engine manufacturers' recommendations. Results will vary depending upon vehicle/equipment type, fuel consumption, maintenance practices, temperature, and variable driving/operating conditions. Consult the engine/vehicle OEM and Chevron before implementing extended ODIs, especially if the engine/vehicle is under warranty.

Chevron Delo 400 ZFA ISOSYN™ Advanced Technology	Chevron Delo 400 XLE ISOSYN™ Advanced Technology	Chevron Delo 400 SDE ISOSYN™ Advanced Technology	Chevron Delo 400 SNG ISOSYN™ Advanced Technology
Synthetic Technology	Synthetic Technology	Conventional	CNG/LNG
FA-4	CK-4	CK-4	
10W-30	10W-30, 15W-40	10W-30, 15W-40	15W-40
			
Gallon, Pails, Drum, Bulk	Gallon, Pails, Drum, Bulk	Gallon, 2.5 Gallon, Pails, Drum, Bulk, Tote	Gallon, Pails, Drum, Bulk
 Improve Engine Cleanliness: Increase scuffing resistance and protection against light duty power cylinder failure by reducing LSPI	 Improve Engine Cleanliness: Increase scuffing resistance and protection against light duty power cylinder failure by reducing LSPI	 Increase Engine Durability: Reduce cam and power cylinder wear	 Increase Engine and Service Life: Exceptional engine wear and ratings for sludge and deposit control
 Extended Drain Potential 1.5X*	 Extended Drain Potential 1.5X*	 Extended Drain Potential 1.5X*	 Extended Drain Potential 1.25X*
 Improvement Potential 2%** 10W-30 FA-4	 Improvement Potential 1.2%** 10W-30 CK-4	 Improvement Potential 1.2%** 10W-30 CK-4	 Improvement Potential 1.2%** 10W-30 CK-4
Conventional: Diesel Gasoline Lower Carbon: Renewable Diesel	Conventional: Diesel Gasoline Lower Carbon: Renewable Diesel	Conventional: Diesel Gasoline Lower Carbon: Renewable Diesel	Lower Carbon: Natural Gas Renewable Natural Gas

**Improvement vs. SAE 15W-40 oil in class 8 diesel engine bench testing. Actual savings will vary depending upon vehicle/equipment type, load, temperature, and variable driving/operating conditions.

API CK-4 AND API FA-4 COMPETITIVE COMPARISON

	Chevron Delo 600 ADF OMNIMAX™ Technology	Chevron Delo 400 XSP ISOSYN Advanced Technology™	Chevron Delo 400 XSP-FA ISOSYN Advanced Technology™
			
VISCOSITY GRADES	10W-30, 15W-40	5W-30, 5W-40, 15W-40	5W-30
Shell	No comparable product	Shell Rotella T6	No SAE 5W-30 Full Synthetic API FA-4 product available
Mobil	No comparable product	Mobile Delvac 1 ESP	Mobil Delvac 1 Advanced Fuel Economy
Valvoline	No comparable product	Valvoline Premium Blue Full Synthetic	No Full Synthetic API FA-4 product available
Petro-Canada	No comparable product	Duron UHP	No Full Synthetic API FA-4 product available
Phillips 66	No comparable product	Guardol Euro & XT Full Synthetic	Guardol FE Full Synthetic
Castrol	No comparable product	Vecton (5W-40 only)	No Full Synthetic API FA-4 product available

Never use this cross-reference for making final Chevron HDMO product recommendations to customers. Always check OEM recommendations and customer operating conditions to provide the correct Chevron HDMO product. Competitors' products listed are not intended to represent equivalent performance to Chevron HDMO products.

Chevron Delo 400 ZFA ISOSYN Advanced Technology	Chevron Delo 400 XLE ISOSYN Advanced Technology™	Chevron Delo 400 SDE ISOSYN Advanced Technology™	Chevron Delo 400 SNG ISOSYN Advanced Technology™
			
10W-30	10W-30, 15W-40	10W-30, 15W-40	15W-40
Shell Rotella T5 Ultra 10W-30 (FA-4)	Shell Rotella T5	Shell Rotella T4	Shell Rotella T4 NG Plus
Mobil Delvac Extreme FE (FA-4)	Mobil Delvac Extreme	Mobil Delvac 1300 Super	Mobil Delvac Modern CNG/LNG
Valvoline Premium Blue 8700 FE 10W-30 (FA-4)	No comparable product	Valvoline Premium Blue One Solution Gen 2	Valvoline Premium Blue One Solution Gen 2
Duron Advanced (FA-4)	Duron SHP	Duron HP	Duron GEO
Guardol FE Syn-blend (FA-4)	No comparable product	Guardol ECT	Guardol NG-D
Vecton (FA-4)	Vecton Long Drain	Vecton	Vecton Multi-Fuel



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