

IDO PREMIUM

Premium Diesel Oil



Features

Meets or exceeds the following industry standards:

- API CI-4+/SL (and previous levels) CH-4 and SJ
- Volvo VDS-2 (15W-40 APPROVED)
- Mack EO-N PP03 (15W-40 APPROVED)
- EO-M Plus (10W-30 APPROVED)
- Cummins 20078 (APPROVED)
- MB 228.3 (15W-40 APPROVED)
- Caterpillar ECF-1, ECF-2, ECF-3
- Caterpillar TO-2 Performance
- Allison C4
- Detroit Diesel 7SE270
- International Navistar TSI-06-12-25
- JASO DH-1
- Detroit Diesel Power Guard 93K214 (15W-40 APPROVED)
- ACEA E3, E5

Benefits

- Excellent cold weather starting
- Outstanding resistance to viscosity breakdown, even under high temperature, high shear conditions
- Maximum wear protection
- Maximum engine life
- Reduced oil consumption
- Excellent soot control

IDO PREMIUM is a blend of carefully selected premium quality base oils and exceptional performance additives. It is a multi-purpose crankcase oil, for all high-speed diesel and gasoline engines regardless of operating severity and type of service.

IDO PREMIUM was developed specifically to meet high demands of diesel engines equipped with EGR (Exhaust Gas Recirculation) or engines that use Caterpillar ACERT[®] technology.

As these engines are tuned to reduce harmful emissions, they also produce more soot and run at ever-higher temperatures.

IDO PREMIUM promotes long engine life through outstanding control of piston crown-land deposits. Excessive deposits cause cylinder liner bore polishing that leads to rapid increase in oil consumption. Excellent sludge control reduces piston ring fill and maintains above average engine cleanliness.

Corrosive and extreme pressure wear is reduced to a minimum, extending bearing life. In addition, **IDO PREMIUM** has a greater ability than regular diesel engine oils to control the negative effects of excessive soot. It helps to reduce the tendency of today's high soot levels from plugging filters, thickening the oil and causing abrasive wear.

IDO PREMIUM has excellent stay-in-grade ability, maintaining its multi-grade performance over the entire life of the oil and showing very little loss of viscosity characteristics in service at both low and high temperatures.

IDO PREMIUM has always provided the very best in diesel engine oil performance and continues to lead the way after millions of miles of excellent service in engines of all makes, providing proof of this oil's superiority.

Let's face it. It's not just your truck, it's your livelihood. Ask us about our **Used Oil Analysis** program to learn how you can maximize your maintenance schedule.

IDO PREMIUM

Typical performance results

SAE GRADE	15W40	10W30
VISCOSITY (D-445) cSt @ 40°C cSt @ 100°C	131.3 15.9	88.1 12.2
VISCOSITY INDEX (D-2270)	128	133
SPECIFIC DENSITY	0.879	0.871
HT/HS VISCOSITY (D-4683) cP @ 150°C	4.09	
POUR POINT (°C) (D-97)	-38	
FLASH POINT (°C) (D-92)	238	234
COLD-CRANK SIMULATOR (D-5293) cP @ -20°C (max. 7000) cP @ -25°C (max. 7000)	6246 -	- 5970
LOW TEMPERATURE PUMPABILITY (D-4684) cP @ -25°C (max. 60,000)		
TOTAL BASE NUMBER (D-2896)	11.8	11.0

Available sizes & part numbers

IDO PREMIUM	946ml. (1 US qt)	3.78L (1 US Gal)	18.9L (5.0 US Gal)	205L (54.2 US Gal)	500L (12 US Gal)	1000L (264 US Gal)	Bulk
15W40	F0008215	F0008226	F0088740	F0017350	F0008255	F0008260	B0074601
10W30	F0077615	F0077626	F0082940	F0077650		F0077660	B0077601

Check with sales representative or website for the latest product approvals.



Lubricants

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