



# IDO PREMIUM PLUS

## Features

Meets or exceeds the following industry standards:

- API CJ-4, CI-4+, SM (and previous levels CI, CH, SL, SJ)
- Volvo VDS-4 (APPROVED)
- Mack EO-O Premium Plus '07 (APPROVED)
- Cummins CES 20081 (APPROVED)
- MB 228.3 (APPROVED)
- Caterpillar ECF-2, ECF-3
- ACEA E7
- MAN M3275
- Detroit Diesel Power Guard 93K218 (APPROVED)
- MTU Type II

## Benefits

- Excellent cold weather performance
- Outstanding stay in grade capability
- Ease of application for mixed fleet requirements
- Maximum wear protection
- Maximum engine life
- Reduced oil consumption
- Excellent soot control

**IDO PREMIUM PLUS** is a low ash multi-grade engine oil formulated specifically to meet the stringent requirements of '07 EPA compliant engines equipped with Diesel Particulate Filters (DPF) with or without catalysts and Exhaust Gas Recirculation (EGR) technology. This multi-purpose crankcase oil not only exceeds API CJ-4 requirements, but is backwards compatible making it ideal for large, small and mixed fleets where multiple service categories may be recommended. One oil means ease of use and better efficiencies

More time on the road means more time equipment is making you money and not costing you money. **IDO Premium PLUS** is engineered to optimize service drain intervals by using an advanced technology to control soot, oxidation, and wear corrosion that can lead to reduced performance and premature engine failure.

As soot contamination increases, so does viscosity. Higher viscosity causes reduced oil flow and increased pressure on the lubrication system so critical engine components optimally protected. Enhanced film strength coats internal components and protects from acid, a side effect of combustion.

**IDO PREMIUM PLUS** meets the requirements for all major diesel engine manufacturers for both on and off-road applications. Its also suitable for use in older generation engines such as Caterpillar, Cummins, Mack, Volvo, Detroit Diesel, Mercedes-Benz, and International.

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.



## Typical Performance Results

SAE Grade	15W40
<b>VISCOSITY (D-445)</b> cSt @ 40°C cSt @ 100°C	118.9 15.3
<b>VISCOSITY INDEX (D-2270)</b>	134
<b>SPECIFIC GRAVITY</b>	0.87
<b>HT/HS VISCOSITY (D-4683)</b> cP @ 150°C	4.4
<b>POUR POINT (°C) (D-97)</b>	-39
<b>FLASH POINT (°C) (D-92)</b>	220
<b>COLD-CRANK SIMULATOR (D-2602)</b> cP @ -20°C (max. 7000)	6751
<b>LOW TEMPERATURE PUMPABILITY (D-3829)</b> cP @ -25°C (max. 60000)	26261
<b>TOTAL BASE NUMBER (D-2896)</b>	10

## Available Package Sizes

	946ml. (1 US qt)	3.78L (1 US Gal)	20L (5.28 US Gal)	205L (54.2 US Gal)	210L (55.5 US Gal)	500L (12 US Gal)	1000L (264 US Gal)	Bulk
<b>IDO Premium PLUS 15W40</b>	X	X	X		X		X	X

