

# IDO Advantage 10W-30 FA-4

## Premium Heavy-Duty Diesel



### Features & Benefits

- Extended drain capability with used oil monitoring and diagnostics
- Inhibits chemical attack on non-ferrous metals
- 17 Million Miles of on-road testing
- 23,000 hours of off-road testing
- Quantifiable increased wear protection for Cams, Tappets, Rings, Cross Heads, Injector Screws, and so much more
- Improved deposit control
- Improved shear stability and viscosity retention
- Up to 23% better contamination handling
- Up to 57% improvements in wear protection

### Specifications

- ✓ Meets Requirements • Approved/Licensed

Specifications/Claims	10W-30 FA-4
API FA-4	•
Cummins CES 20087	•
Detroit Diesel DFS 93K223	•
JASO DH-2	✓

### Typical Results

Test Method	10W-30 FA-4
<b>VISCOSITY</b> (D445) cSt @ 40 °C cSt @ 100 °C	66.0 9.8
<b>VISCOSITY INDEX</b> (D2270)	131
<b>DENSITY @ 15°C</b> (D4052) (kg/l)	0.87
<b>POUR POINT</b> (D97) (°C)	-37
<b>FLASH POINT</b> (D93) (°C)	204
<b>TOTAL BASE NUMBER</b> (D2896) (mgKOH/g)	10.5
<b>CCS @ -25°C</b> (D5293) (cP)	5,700
<b>HTHS @ 150°C</b> (D4683) (cP)	3.1
<b>SULFATED ASH</b> (D874) (%wt.)	1.0 max
<b>PUMPING @ -30°C</b> , (D4684) (cP)	15,600

### Sizes & Order Codes

Size	10W-30 FA-4
5 L / 1.32 US Gallon	F0114730
18.9 L / 5 US Gallon	F0114740
60 L / 15.85 US Gallon	F0114745
1000 L / 264 US gal	F0114760
<b>Bulk</b>	B0114701

**IDO ADVANTAGE 10W-30 FA-4** represents the latest technology and advancements in heavy-duty diesel engine oils. FA-4 compliant engines were designed to run on low-viscosity oils to provide optimum fuel efficiency and environmental benefits.

**IDO ADVANTAGE 10W-30 FA-4** oil contains low sulfated ash, phosphorus and sulfur (SAPS), making it compatible with after-treatment systems such as Diesel Particulate Filters (DPF). This low sulfated ash content minimizes the plugging of the DPF.

**IDO ADVANTAGE 10W-30 FA-4** oil meets the stringent high-temperature, high-shear specifications required by API FA-4. This helps deliver up to a 1.2% increase in fuel economy compared to 15W-40 oils with no compromise to engine durability. Increased oxidation resistance, wear control, viscosity retention, oil economy and extended drain intervals with regular used oil analysis, are just a few of the benefits you will experience with **IDO ADVANTAGE FA-4**.

**IDO ADVANTAGE 10W-30 FA-4** is NOT interchangeable or backward compatible with API CK-4, CJ-4, CI Plus or CH-4 oils unless stated otherwise by the OEM.



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1.800.574.5823

Always consult your owner's manual for verification of fluid type and grade!  
Supporting data available to demonstrate acceptable performance. Check with your sales associate for latest product approvals.  
Please note, these are typical performance indicators and can change without notice.  
This data sheet replaces previous versions prior to Dec 19, 2022.  
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