



# IDO Advantage 10W-30 FA-4

## Heavy-Duty Diesel Engine Oil

### Features & benefits

- Improved fuel economy over API CK-4
- Excellent oxidation resistance and deposit control
- Improved shear stability and viscosity retention
- Low sulfated ash, phosphorus and sulfur (SAPS)
- Compatible with low and ultra-low sulfur diesel
- Registered with major OEMs
- Meets and exceeds major OEM specifications

### Specifications

✓ Meets requirements • Approved/Licensed

Specification	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 (D445)</b> cSt @ 40°C cSt @ 100°C	66.70 9.89
<b>VISCOSITY INDEX (D2270)</b>	131
<b>ASTM COLOUR (D1500)</b>	4.0
<b>POUR POINT (D97), °C</b>	-35
<b>FLASH POINT (D93), °C</b>	208
<b>COLD CRANKING VISCOSITY (D5293), cP</b>	5925 @ -25°C
<b>TBN (D2896), mg KOH/g</b>	10.5
<b>MRV VISCOSITY (D4684), cP</b>	18,200 @ -30°C
<b>HTHS VISCOSITY (D4683), cP @ 150°C</b>	3.1
<b>NOACK VOLATILITY (D5800) 1 hr @ 250°C, %</b>	11
<b>SULFATED ASH (D874), %</b>	1.00

### Sizes & order codes

Size	10W-30 FA-4
5 L (1.32 US gal)	F0114730
18.9 L (5 US gal)	F0114740
60 L (15.85 US gal)	F0114745
1000 L (264 US gal)	F0114760
Bulk	B0114601

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

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 without compromising engine durability.

IDO Advantage 10W-30 FA-4 was designed to improve oxidation resistance, wear control, viscosity retention, and fuel economy. Drain intervals may be extended with regular used oil analysis.

IDO Advantage 10W-30 FA-4 is compatible with exhaust after-treatment devices, including Diesel Particulate Filters (DPF), Diesel Oxidation Catalysts (DOC), and Selective Catalytic Reduction (SCR) systems.

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 the OEM states otherwise.



Always consult your owner's manual for verification of fluid type and grade!

Supporting data available to demonstrate acceptable performance. Check with Sales Associate for the latest product approvals.

Please note these are typical performance indicators and can change without notice.

This data sheet replaces previous versions prior to November 27<sup>th</sup>, 2024.

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