

IDO Advantage 10W-30

Synthetic Blend FA-4

Premium Diesel Engine Oil



Features & Benefits

- Improved shear stability & viscosity retention
- Improved deposit control
- Up to 23% better contamination handling
- 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 maintained throughout the life of the oil
- Up to 57% improvements in wear protection
- Extended drain capability with used oil monitoring and diagnostics

Specifications

- ✓ Meets Requirements • Approved/Licensed

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

Typical Results

Test Method	10W-30 Syn Blend FA-4
VISCOSITY (D445) cSt @ 40°C cSt @ 100°C	66.6 9.9
VISCOSITY INDEX (D2270)	132
DENSITY @ 15°C (D4052) (kg/L)	0.87
POUR POINT (D97) (°C)	-45
FLASH POINT (D93) (°C)	210
TOTAL BASE NUMBER (D2896) (mgKOH/g)	10.5
CCS @ -25°C (D5293) (cP)	5,500
HTHS @ 150°C (D4683) (cP)	3.1
SULFATED ASH (D874) (%wt.)	1.0 max
PUMPING @ -30°C, (D4684) (cP)	14,400

Sizes & Order Codes

Size	10W-30 Syn Blend FA-4
5 L / 1.32 US Gallon	F0114630
18.9 L / 5 US Gallon	F0114640
60 L / 15.85 US Gallon	F0114645
Bulk	B0114601

IDO ADVANTAGE 10W-30 SYN BLEND FA-4 is a synthetic-blend 10W-30 representing the latest technology and advancements in heavy-duty diesel engine oil. FA-4 compliant engines were designed to run on low-viscosity oils to provide optimum fuel efficiency and environmental benefits.

IDO ADVANTAGE 10W-30 SYN BLEND FA-4 has better low-temperature properties than conventional oils, with lower pour point and pumping ability. It also has a higher viscosity index to better maintain viscosity in changing temperatures.

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

IDO ADVANTAGE 10W-30 SYN BLEND 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.

IDO ADVANTAGE 10W-30 SYN BLEND 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.



www.irvingoil.com/lubricants
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 13, 2023.

www.irvingoil.com/lubricants 1.800.574.5823