

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.



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