



IDO Advantage Synthetic Blend 10W-30 FA-4

Heavy-Duty Diesel Engine Oil

Features & benefits

- Synthetic blend formulation
- Improved fuel economy over API CK-4
- Excellent oxidation resistance and deposit control
- Improved sludge and soot handling protection
- 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 SB
API FA-4	•
Cummins CES 20087	•
Detroit Diesel DFS 93K223	•
JASO DH-2	✓

Typical Results

Test Method	10W-30 FA-4 SB
VISCOSITY (D445) cSt @ 40°C cSt @ 100°C	66.75 9.97
VISCOSITY INDEX (D2270)	133
ASTM COLOUR (D1500)	4.0
POUR POINT (D97), °C	-36
FLASH POINT (D93), °C	206
COLD CRANKING VISCOSITY (D5293), cP	5225 @ -25°C
TBN (D2896), mg KOH/g	9.5
MRV VISCOSITY (D4684), cP	16,400 @ -30°C
HTHS VISCOSITY (D4683), cP @ 150°C	3.0
NOACK VOLATILITY (D5800) 1 hr @ 250°C, %	10
SULFATED ASH (D874), %	1.00

Sizes & order codes

Size	10W-30 FA-4 SB
5 L (1.32 US gal)	F0114630
18.9 L (5 US gal)	F0114640
60 L (15.85 US gal)	F0114645
Bulk	B0114601

IDO Advantage Synthetic Blend 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 Synthetic Blend 10W-30 FA-4 is blended with synthetic blend base oils to improve fluidity at cold temperatures, protect critical components in elevated temperatures, and increase fuel economy. It provides a more stable lubrication film over a wider temperature range than its conventional counterpart.

IDO Advantage Synthetic Blend 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 Synthetic Blend 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 Synthetic Blend 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, 2024.

www.irvingoil.com/lubricants 1.800.574.5823