



IDO Advantage FA-4

Synthetic Blend Heavy Duty Diesel Oil



Features & Benefits

- Improved shear stability
- Greater viscosity retention
- Up to 23% better contamination handling
- Inhibits chemical attack on non-ferrous metals
- 17 Million Miles of on-road testing with 23,000 hours off-road
- Quantifiable increased wear protection for Cams, Tappets, Rings, Cross Heads, Injector Screws and so much more
- maintained throughout the life of the oil
- Between 14%-57% improvements in wear protection
- Extended drain capability with used oil monitoring and diagnostics
- Improved deposit control

Specifications

	Approved	Meets
API FA-4	✓	
Cummins CES 20087		✓
JASO DH-2		✓
Detroit Diesel DDC9K223		✓

Sizes & Order Codes

10W-30 Syn Blend FA-4
5 L /1.32 US gal F0114630
18.9 L/5 US gal F0114640
60 L/15 US gal F0114645

Typical Results

Test Method	10W-30 Syn Blend FA-4
VISCOSITY (D445)	
cSt @ 40 °C	66.6
cSt @ 100 °C	9.7
VISCOSITY INDEX (D2270)	127
DENSITY (D4052) @15°C (kg/L)	0.87
POUR POINT (°C) (D97)	-43
FLASH POINT (°C) (D93)	200
TOTAL BASE NUMBER (D2896) (mgKOH/g)	10.5

IDO ADVANTAGE FA-4 SYN BLEND 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 FA-4 SYN BLEND oils will ensure up to a 1.2% increase in fuel economy 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 SYN BLEND**.



www.irvingblend.com
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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 04-11-19.

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