



IDO Premium Plus 10W-30

Synthetic Blend CK-4



Features & Benefits

- Prevents piston deposits
- Improves shear stability
- 17 Million Miles of on-road testing with 23,000 hours off-road
- Up to 23% better contamination handling
- Up to 0.89% better fuel economy
- Up to 14% less wear than CJ-4 oils
- Up to 10% better oxidation protection than CJ-4

Specifications

✓ Meets Requirements • Approved/Licensed * Backwards Compatible

Specification/claims:	10W-30 Syn Blend CK-4
API CK-4, CJ-4, CI-4 PLUS*	•
Cummins CES 20086*	•
Detroit Diesel DFS 93K222*	•
MACK EOS-4.5*	•
VOLVO VDS-4.5*	•
Renault VI RLD-3*	•
FORD WSS-M2C171-F1*	✓
CAT ECF-3*	✓
ACEA E7, E9	✓
MB 228.31	✓
MAN 3275, 3575	✓
MTU Category 2.1	✓
Deutz DQC III-10 LA	✓
JASO DH-2	✓

Typical Results

Test Method	10W-30 Syn Blend CK-4
VISCOSITY (D445) cSt @ 40 °C cSt @ 100 °C	81.2 11.9
VISCOSITY INDEX (D2270)	140
DENSITY @ 15°C (D4502) (kg/L)	0.87
POUR POINT (D97) (°C)	-38
FLASH POINT (D93) (°C)	208
TOTAL BASE NUMBER (D2896) (mgKOH/g)	10.2
CCS VISCOSITY A -25°C (D5293) (cP)	6,286
PUMPING @ -30°C (D4684) (cP)	18,600

IDO Premium Plus Syn Blend CK-4 next-generation oil was formulated to meet compliance levels set forth by the EPA for diesel engines manufactured in 2017 and onward. Developed as a synthetic blend, this oil provides quantifiable improvements in emissions control, wear protection, TBN retention, shear stability, fuel economy and oxidation resistance. The result is a robust oil with enhanced drain intervals when coupled with regular used oil analysis.

IDO Premium Plus Syn Blend CK-4, a synthetic blend, will have slightly better cold temperature properties and a higher viscosity index than its conventional counterpart.

IDO Premium Plus Syn Blend CK-4 is backwards compatible, making it ideal for large, small and mixed fleet operations where multiple service categories are represented.

IDO Premium Plus Syn Blend CK-4 starts protecting your engine from the click of the ignition. The ultra-pure high-quality base oils and superior CK-4 additive technology will ensure engines experience significantly increased wear protection, improved oxidation resistance, enhanced fuel economy and longer oil life.

Sizes & Order Codes

5 L / 1.32 US Gal	F0114330
18.9 L / 5 US Gal	F0114340
60 L / 15.8 US Gal	F0114345
205 L / 54.2 US Gal	F0114350
1000 L / 264 US Gal	F0114360
Bulk Tote	F0114301
Bulk	B0114301

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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 November 8, 2022.

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