



# IRVING IDO Premium Plus Synthetic CK-4

Full Synthetic

## Features & Benefits

- 100% Synthetic
- Advanced formulation
- Exceptional performance in cold weather

## Specifications

	Approved	Meets
API CK-4	✓	-
API SN	✓	-
CAT ECF-3	-	✓
Chrysler MS-10902	-	✓
Cummins CES 20086	-	✓
Detroit Diesel DDC93K222	-	✓
Mack EOS-4.5	-	✓
Volvo VDS-4.5	-	✓
Renault VI RLD-4	-	✓
ACEA E7-16	-	✓
ACEA E9-16	-	✓
MB 228.31	-	✓
MTU 2.1	-	✓
Ford WSS-M2C171-F1	-	✓
MAN 3575	-	✓

## Typical Results

Test Method	5W-40 Synthetic CK-4
<b>VISCOSITY</b> (D445) cSt @ 40 °C cSt @ 100 °C	88.7 14.4
<b>VISCOSITY INDEX</b> (D2270)	169
<b>DENSITY</b> (D4502) @15°C (kg/L)	0.86
<b>FLASH POINT</b> (°C) (D93)	185
<b>TOTAL BASE NUMBER</b> (D2896) (mgKOH/g)	11



Canada, one of the harshest cold temperature climates in the world, requires an engine oil that delivers exceptional cold temperature performance.

**IDO Premium Plus Synthetic 5W-40 CK-4** has exceptional cold cranking and cold pumping ability. Performance in these areas enables faster startup and wear protection when the engine is most vulnerable.

**IDO Premium Plus Synthetic 5W-40 CK-4** is an advanced formulation designed to deliver exceptional protection for demanding operating conditions including industries such as Mining, Construction, Forestry, Trucking Operations and so much more.

**IDO Premium Plus Synthetic 5W-40 CK-4** is backwards compatible to API CJ-4, CI-4+, CI-4 and CH-4 performance claims under current licensing guidelines.

## Sizes & Order Codes

Synthetic 5W-40 CK-4
5 L / 1.32 US Gal F0114530
18.9 L/5 US Gal F0114540
Keg 60L/15.8 US Gal F0114545
205L/ 54.2 US Gal F0114550
1000 L/ 264 US Gal F0114560

[www.irvingblend.com](http://www.irvingblend.com)  
1.800.574.5823

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.

[www.irvingblend.com](http://www.irvingblend.com) 1.800.574.5823