



# IDO Premium Plus 0W-40 Synthetic

## Full Synthetic

### Features & benefits

- 100% Synthetic, PAO based
- Advanced formulation
- Exceptional performance in cold weather
- CK-4 additive technology

### Typical results

Test method	0W-40 Synthetic
<b>VISCOSITY (D445)</b> cSt @ 40°C cSt @ 100°C	 81.2 13.6
<b>VISCOSITY INDEX (D2270)</b>	172
<b>DENSITY @ 15°C (D4052), kg/L</b>	0.85
<b>POUR POINT (D97), °C</b>	-52
<b>FLASH POINT (D93), °C</b>	204
<b>TOTAL BASE NUMBER (D2896), mgKOH/g</b>	9.6
<b>COLD CRANKING VISCOSITY @-35°C (D5293), cP</b>	5950
<b>ZINC (D4951), ppm</b>	11

### Sizes & order codes

Size	0W-40 Synthetic
5 L (1.32 US gal)	F0114430
18.9 L (5 US gal)	F0114440
205 L (54.2 US gal)	F0114450
1000 L (264 US gal)	F0114460

**IDO Premium Plus Synthetic 0W-40** diesel motor oil combines a unique formula of Polyalphaolefin (PAO) synthetic group IV base oils with a high-quality performance additive package based on CK-4 technology. This advanced heavy-duty diesel motor oil is specially formulated to deliver exceptional cold-temperature performance for the most demanding operating conditions.

**IDO Premium Plus Synthetic 0W-40** is based on the same high-performance API CK-4 performance additive technology used for IDO Premium Plus 15W-40 & 10W-30. The advanced formulation is compatible with after-treatment systems found in current emissions-compliant on and off-road equipment. It is suitable for manufacturers' (Detroit Diesel, Cummins, Mack, Renault, and Volvo) most advanced engines and older, pre-2007 engines. Irving's quality guarantee fully backs this product in applications where "CK-4 0W-40" is specified by the equipment manufacturer.



Always consult your owner's manual for verification of fluid type and grade.  
Check with sales associate for the latest product approvals and acceptable performance data.  
Please note these are typical performance indicators and can change without notice.  
This data sheet replaces previous versions prior to November 27, 2024.  
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