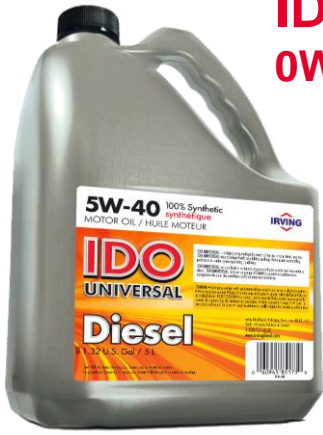


IDO Universal Synthetic 0W-30 & 5W-40



Features & Benefits

- 100% synthetic
- High viscosity Index
- Promotes engine cleanliness
- Excellent resistance to high temperature
- Low ash formulation with less than 1%
- Multipurpose – reduces inventory
- Proven performance over millions of miles
- Formulated using CK-4 technology

Typical Results

Test Method	0W-30 Synthetic	5W-40 Synthetic
VISCOSITY (D445) (cSt) cSt @ 40°C cSt @ 100°C	59.1 10.4	88.8 14.1
VISCOSITY INDEX (D2270)	166	164
DENSITY @ 15°C (D4052) (kg/L)	0.85	0.85
POUR POINT (D97) (°C)	-41	-42
FLASH POINT (D93) (°C)	208	208
TOTAL BASE NUMBER (D2896) (mg KOH/g)	9.7	9.7
COLD CRANKING VISCOSITY, (D5293) (cP)	4999 @ -35°C	5307 @ -30°C
ZINC (D4951) (ppm)	1200	1200
SULFATED ASH (D874) (% wt)	≤ 1.0	≤ 1.0

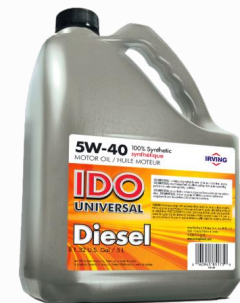
IDO UNIVERSAL 0W-30 & 5W-40 oils are blended from select high viscosity index full synthetic base stocks. This low-ash formulation was designed with a robust additive package to ensure engine cleanliness, minimize ring-sticking, reduce liner-scuffing, prevent sludge formation, reduce bearing corrosion and assist with reducing engine rusting. The formulation's anti-wear and antifoam additives minimize wear and protect against air entrapment.

IDO UNIVERSAL 0W-30 & 5W-40 were developed to meet the needs of mixed fleet operators to solve the problem of selection and application and reduce inventory.

IDO UNIVERSAL 0W-30 & 5W-40 synthetic products protect severe-duty engines and have the added benefit of excellent cold start performance. High-temperature operations, no problem; these oils offer the same protection as SAE 30 and 40 oils coupled with increased fuel economy.

Sizes & Order Codes

Size	0W-30 Synthetic	5W-40 Synthetic
5 L / 1.32 US Gal	-	F0009630
18.9 L / 5 US Gal	-	F0089740
205 L / 54.2 US Gal	-	F0009650
1000 L / 264 US Gal	-	F0009660
Bulk Tote	-	B0009601
Bulk	B0065001	-



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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 Feb 9, 2023.

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