



# IDO Universal Synthetic 0W-30 and 5W-40



## Features & Benefits

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

## Applications

This product is formulated using the same CK-4 technology as our 10W-30 and 15W-40 products.

**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 reduction of engine rusting. The formulations anti-wear and antifoam additives reduce wear and protect against air entrapment.

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

## Typical Results

TEST METHOD	0W-30 Synthetic	5W-40 Synthetic
<b>VISCOSITY</b> (D445) (cSt) cSt @ 40°C cSt @ 100°C	59.1 10.4	88.8 14.1
<b>VISCOSITY INDEX</b> (D2270)	166	164
<b>DENSITY @15°C</b> (D4052) (kg/L)	0.85	0.85
<b>POUR POINT</b> (D97) (°C)	-41	-42
<b>FLASH POINT</b> (D93) (°C)	208	208
<b>TOTAL BASE NUMBER</b> (D2896) (mg KOH/g)	9.7	9.7

**IDO UNIVERSAL 0W-30 & 5W-40** synthetic products provide added protection for severe duty engines and have the added benefit of excellent cold start performance. High temperature operations, no problem, these oils provide the same protection as SAE 30 and 40 grade 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	F0080040	F0089740
205 L/54.2 US Gal	F0065050	F0009650
1000 L/264 US Gal	-	F0009660
Bulk Tote	-	B0009601
Bulk	B0065001	-

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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 12/16/2019.

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