



IDO Universal Monograde

Features & Benefits

- Combats corrosion and moisture
- Low ash less than 1%
- Excellent hydraulic oil (SAE 10W and 30)
- Suitable for truck manual transmissions (SAE 50)
- Promotes engine cleanliness
- Excellent resistance to high temperatures

Specifications

Meets or Exceeds	10W	30	40	50
API CF	✓	✓	✓	✓
API CF-2	-	✓	✓	✓
API SF	✓	✓	✓	✓
Allison C4	✓	✓	✓	✓
CAT TO-2	✓	✓	✓	✓
Detroit Diesel- 7SE270	-	✓	✓	-

Typical Results

Test Method	10W	30	40	50
VISCOSITY (D445) cSt @ 40 °C cSt @ 100 °C	41.3 6.5	99.8 11.5	142.8 14.6	213. 1 19.1
VISCOSITY INDEX (D2270)	108	102	101	101
DENSITY @ 15°C (kg/L) (D4052)	0.88	0.89	0.89	0.89
POUR POINT (°C) (D97)	-37	-26	-23	-16
FLASH POINT (°C) (D93)	200	202	204	202
TOTAL BASE NUMBER (mgKOH/g) (D2896)	7.0	6.9	7.0	6.9

Sizes & Order Codes

10W	30	40	50
946ml/1 qt US -	946ml/1 qt US F0009315	946ml/1 qt US -	946ml/1 qt US -
5l /1.32G US -	5l /1.32G US F0009330	5l /1.32G US -	5l /1.32G US -
18.9L/5G US F0089040	18.9L/5G US F0089440	18.9L/5G US F0089540	18.9L/5G US F0089640
205L/54.2 G US F0014550	205L/54.2 G US F0014350	205L/54.2 G US F0014450	205L/54.2 G US F0122550
1000L/264 G US F0008960	1000L/264 G US F0009360	1000L/264 G US -	1000L/264 G US -
Bulk B0008901	Bulk B0009301	Bulk B0009401	Bulk B0009501



Irving IDO Universal oils are blended from select high viscosity base stocks and low-ash additives. This formulation has added detergent to ensure engine cleanliness, minimized ring-sticking and reduced liner-scuffing.

Irving IDO Universal oils prevent sludge formation, reduce bearing corrosion and cut back on engine rusting.

Irving IDO Universal was developed to meet the needs of mixed fleet operators in order to reduce inventory. This oil can be used in high speed diesel engines, construction diesel engines and some marine diesel engine applications.

Irving IDO Universal all grades meet or exceed Allison C-4 specifications for use in their heavy-duty automatic transmissions.

Irving IDO Universal 30 & 40 grades are prime recommendations for Detroit Diesel 2-cycle engines.

Irving IDO Universal oils can also be used as hydraulic oils where appropriate if extra care is taken not to mix them with regular hydraulic oils.



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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 03-21-19.

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