IDO Universal

Monograde Diesel Engine Oil

Features & benefits

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

Specifications

✓ Meets requirements

Specification	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 ºC cSt @ 100 ºC	 38.4 6.2	 97.1 11.4	 138.5 14.3	 208.3 19.5
VISCOSITY INDEX (D2270)	109	104	101	107
DENSITY @15°C (kg/L) (D4052)	0.88	0.89	0.89	0.90
POUR POINT (°C) (D97)	-33	-27	-18	-15
FLASH POINT (°C) (D93)	200	202	204	202
TOTAL BASE NUMBER (mgKOH/g) (D2896)	6.6	6.7	6.6	6.6

Sizes & order codes

Sizes	10W	30	40	50
946 ml (1 US QT)	F0008915	F0009315	F0009415	-
5 L (1.32 Gal US)	-	F0009330	F0009430	-
18.9 L (5 Gal US)	F0089040	F0089440	F0089540	F0089640
205 L (54.2 Gal US)	F0014550	F0014350	F0014450	F0122550
1000L (264 Gal US)	F0008960	F0009360	-	-
1000L (264 Gal US) Bulk Tote	F0106301	-	F0009401	-
Bulk	B0008901	B0009301	B0009401	B0009501

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

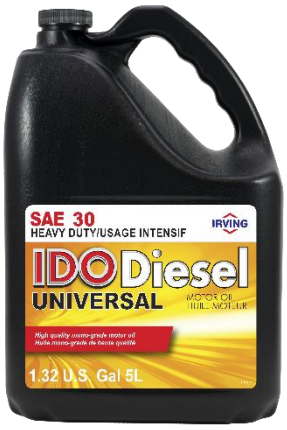
IDO Universal oils prevent sludge formation, reduce bearing corrosion and cut back on engine rusting.

IDO Universal was developed to reduce inventory for mixed fleet operators. This oil can be used in high-speed diesel engines, construction diesel engines, and some marine diesel engine applications.

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

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

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.



Always consult your owner's manual for verification of fluid type and grade!

Supporting data available to demonstrate acceptable performance. Check with Sales Associate for the latest product approvals.

Please note these are typical performance indicators and can change without notice.

This data sheet replaces previous versions prior to December 17, 2024.

www.irvingoil.com/lubricants 1.800.574.5823