

Product Description

D-A Reliant[™] J-4 FS low-ash synthetic diesel engine oil has been designed specifically to support the stringent requirements of API Service Category CJ-4 used in 2007 and later model diesel engines running primarily on ultra low sulfur fuel and equipped with aftertreatment devices. Reliant J-4 FS is the oil of choice for extraordinary lubrication in fleet, commercial and personal vehicles. Blended from the latest additive technology and premium synthetic base oils, Reliant J-4 FS exceeds the higher performance demands of modern engines, withstanding the stress of heat, soot and acids to prevent deposits, wear and corrosion. Reliant J-4 FS is a technologically-advanced heavy-duty diesel engine oil, designed to provide extra protection in cold-weather starting and high-temperature heavy-duty service. Reliant J-4 FS resists breakdown over extended drain intervals. Reliant J-4 FS supports the performance requirements of API Service Categories CJ-4, CI-4+, CI-4, CH-4 and CF; modern gasoline engines requiring API SM oil; older gasoline engines requiring SL and SJ. Reliant J-4 FS supports the performance requirements of most major OEM engine manufacturers.

Product Features and Benefits

Carefully selected base oils designed for diesel engine service provide:

- reduced oil consumption
- improved control of engine wear through rapid oil flow on cold starts
- proper metal-to-metal separation during high temperature / high load operation.

Contains optimum dosage of active diesel detergents to keep internal engine parts clean and operating efficiently.

Supports the performance requirements for most heavy-duty diesel engines in addition to the oil specifications for 2007 and later model diesel engines running on ultra low sulfur diesel fuel.

API SM suitability supports the gasoline engine service requirements.

The use of shear stable polymer results in resistance to in-service viscosity loss, providing excellent viscosity protection under tough service conditions.

Precise product balance for optimum performance for reduced maintenance expense and support of engine manufacturer warranty service requirements.

Reliant J-4 FS composition has been designed to provide extended life for exhaust aftertreatment devices and filters.

PRODUCT AT A GLANCE

- Full Synthetic Engine Oil
- 9 TBN

Supports the performance requirements of:

- API Service categories CJ-4 and earlier, and SM
- Caterpillar ECF-2 and ECF-3
- Cummins CES 20081
- DDC 93K218
- Mack EO-O Premium Plus
- Volvo VDS-4



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Typical Applications - Supports the Performance Requirements of:

API CJ-4, CI-4+, CI-4, CH-4, CF
 API (Gasoline engines) SM, SL, SJ
 Cat ECF-2, ECF-3, ECF-1a
 Cummins 20081
 DDC 93K218
 Mack EO-O Premium Plus
 Renault RLD-3
 Volvo VDS-4

Typical Properties

SAE Viscosity Grade	J-300	5W-40
Viscosity at 100 °C, cSt	ASTM D445	14.2
Viscosity at 40 °C, cSt	ASTM D445	85.1
Viscosity Index	ASTM D2270	173
CCS Viscosity, cP	ASTM D5293	6400
MRV, cP	ASTM D4684	<20,000
HTHS Viscosity, cP	ASTM D4683	4.1
Total Base Number	ASTM D2896	9
Sulfated Ash, Wt. %	ASTM D877	0.9
Flash Point, COC, °F (°C)	ASTM D92	430 (221)

Drum - 55 Gal 52152

To Order D-A Products, Call 1-800-OIL-LUBE (1-800-645-5823) or Fax orders to 765-482-3065

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