

Reliant™ Monogrades



Product Description

D-A **Reliant™ Monogrades** are technologically-advanced heavy-duty diesel engine oils, designed to provide extra protection against deposits and wear for engines operating in heavy duty service. D-A **Reliant™ Monogrades** support the performance requirements for diesel engines requiring an engine oil meeting CF and SM. Innovative concepts have been incorporated into D-A **Reliant™ Monogrades** to provide efficient equipment operation and improved component durability.

D-A **Reliant™ Monogrades** are blended from only US refined high-quality base oils. D-A **Reliant™ Monogrades** contain just the right combination of active diesel detergents and dispersants, anti-wear agents, and oxidation, rust, and corrosion inhibitors.

Product Features and Benefits

Carefully selected base oils designed for diesel engine service provide:

- Reduced oil consumption

- Proper metal-to-metal separation during high temperature, high load operation.

- Its dual API classification makes D-A **Reliant™ Monogrades** SAE 30 suitable for use in both gasoline and diesel powered outdoor equipment where the OEM recommends the use of an API CF or SM classified engine oil.

D-A **Reliant™ Monogrades** can be used in selected powershift transmissions.

They protect against clutch plate glazing, providing longer transmission life with less slippage.

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

Precise product balance for optimum performance and reduced maintenance expense.

Typical Applications – Supports the Performance Requirements of:

10W
API: CF, SM

40
API: CF, SM

30
API: CF, SM

50
API: CF, SM

Typical Properties

SAE Viscosity Grade	Test Method	10W	30	40	50
Viscosity @ 100°C, cSt	ASTM D445	6.71	10.96	14.29	18.81
@ 40°C, cSt	ASTM D445	41.11	87.55	136.1	207.1
Viscosity Index	ASTM D2270	118	111	103	101
Pour Point, °F (°C)	ASTM D97	-49 (-45)	15 (-26)	-11 (-24)	3 (-16)
Flash Point, °F (°C)	ASTM D92	433 (223)	455 (235)	459 (237)	469 (243)
Sulfated Ash, Weight %	ASTM D874	0.82	1.27	1.27	0.71
API Gravity	ASTM D4052	32.4	30.0	28.7	27.3
Total Base Number	ASTM D2896	6	9	9	6
CCS, cP @ -25°C	ASTM D5293	5,000	N/A	N/A	N/A

D-A Part Number:

Bulk	51911	51931	51941	51951
Tote – 330 Gal	51913	51933	51943	N/A
Drum – 55 Gal	51912	51932	51942	N/A
Pail (Metal) - 5 Gal	51919	51939	51949	N/A
Pail (Plastic) - 5 Gal	51918	51938	51948	N/A
Case - 4/1 Gal	N/A	51934	51944	N/A
Case – 12/1 Qt	N/A	51936	N/A	N/A