



Delo[®] 400 RDS SAE 10W-40

High performance semi-synthetic heavy-duty engine oil

Product description

Delo 400 RDS SAE 10W-40 is a high performance semi-synthetic heavy-duty engine oil designed to conform to current ACEA requirements as well as top tier OEM specifications for Euro IV, V and some Euro VI diesel engines.

Delo 400 RDS SAE 10W-40 features ISOSYN[®] technology, a combination of premium base oils and additives, formulated to promote optimum diesel engine protection, and a low SAPS system designed to offer dependable long drain performance, without compromising durability. Delo 400 RDS SAE 10W-40 is designed for modern low emissions diesel and gas engines, and is recommended for engines with diesel particulate filter systems.

Customer benefits

- **Promotes maximum uptime** — offering extended drain through engine performance and emissions system protection
- **Helps minimise exhaust emissions** — through low SAPS technology designed to protect catalysts and diesel particulate filter systems
- **Keep-clean performance** — reliable lubricant stability contributes advanced piston cleanliness, wear protection and soot control
- **Reduced fleet operating costs** — multipurpose Delo 400 RDS SAE 10W-40 helps save money through optimising lubricant inventories
- **Suitable for a wide range of vehicles** — backwards compatibility, Euro VI to I and suitable for both diesel and gas engine applications



Product highlights

- **Maximum uptime**
- **Emissions system protection**
- **Keep-clean performance**
- **Reduced fleet operating costs**
- **Suitable for a wide range of vehicles**

Selected specification standards include:

ACEA	API
Cummins	DAF
Deutz	JASO
Mack	MAN
Mercedes Benz	MTU
Renault Trucks	Volvo

Applications

- Formulated for use in severe on-highway naturally aspirated and turbocharged diesel engine operations.
Offers extended drain intervals in combination with low sulphur fuels*
- Formulated for use in trucks and buses equipped with gas engines
- Designed to provide good performance in diesel particulate filter (DPF), exhaust gas recirculation (EGR) and selective catalytic reduction (SCR) after treatment systems

* Recommendations may differ between engine manufacturers so drivers' manuals and/or dealers should be consulted if in doubt.

Approvals, performance and recommendations

Approvals

• Cummins	CES 20076
• Deutz	DQC IV-10 LA
• Mack	EO-N
• Mercedes Benz	MB-Approval 228.51 [†]
• MTU	Oil Category 3.1
• Renault Trucks	RLD-2
• Volvo	VDS-3

Performance

• ACEA	E6, E7, E9
• API	CI-4, CH-4
• JASO	DH-2
• Cummins	CES 20077
• DAF	Extended Drain (Euro 0 to VI)
• Mack	EO-M Plus, EO-M
• MAN	M3477, M3271-1 [°]
• Renault	RXD, RLD, RGD

Recommendations

Suitable for use in applications requiring:

- Renault Trucks RD-2, RD
- Volvo VDS-2, VDS

Suitable for use in tractors and other agricultural machinery from the following manufacturers, which require an engine oil meeting the specifications listed above:

- Case New-Holland
- CLAAS
- Fendt
- Massey–Ferguson
- Mc Cormick
- SAME
- Valtra

[†] MB 226.9 is obsolete. Gas engines are now covered by MB-Approval 228.51.

[°] Approvals obtained can be no longer extended since obsolete by MAN

Typical test data		
Test	Test Methods	Results
Viscosity Grade		SAE 10W-40
Shelf Life: 60 months from date of filling indicated on the product label.		
Density, 15 °C, kg/l	ASTM D4052	0.864
Viscosity, Kinematic at 40 °C, mm ² /s	ASTM D445	98
Viscosity, Kinematic at 100 °C, mm ² /s	ASTM D445	14.5
Viscosity Index	ASTM D2270	154
Pour Point, °C	ASTM D5950	-45
Flash Point COC, °C	ASTM D92	232
Total Base Number, mg KOH/g	ASTM D2896	10
Sulphated Ash, %wt	ASTM D874	1.0

The typical test data set out above does not constitute a specification. It is indicative only and can be affected by allowable production tolerances. Chevron may modify this test data. Modified data will supersede all previous data, so please ensure you refer to the latest version of this Product Data Sheet (PDS).

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