

Delo® 400 RDS SAE 10W-40

High Performance Synthetic-Blend Diesel Engine Oil



Product description

Delo® 400 RDS is a high performance synthetic-blend “low-SAPS” diesel engine oil designed to meet current ACEA requirements and more challenging OEM specifications especially where Diesel Particulate Filters (DPF) are fitted.

Customer benefits and product features

Customer benefits

- **Maximize emission control system life**
Formulated with latest generation “low-SAPS” (sulphated ash, phosphorus and sulphur) technology containing reduced levels of metals, phosphorus and sulphur, it maximizes the life of sensitive catalyst metals and extends the cleaning intervals of diesel particulate filters.
- **Maximizes engine life**
Proven metallo-organic anti-wear additive system reduces wear in severe service by forming a protective layer on all metal contact surfaces. Wide-range SAE 10W-40 multigrade viscosity ensures reduced friction at start-up and maximum lubricity at high operating temperatures.
- **Long oil drain intervals**
Exceptional high temperature stability minimizes degradation that leads to sludge formation and oil thickening, and provides oil service intervals up to the maximum levels recommended for ACEA E6 oils in Euro IV, V and VI compliant engines.
- **Low oil consumption**
Highly shear-stable viscosity index improvers prevent oil flow through the piston rings by maintaining oil viscosity in the high temperature ring belt area, while synthetic low volatility base fluids minimize evaporative oil loss.
- **Maximum power output**
Advanced low-ash detergent / dispersant additive system maintains power output by providing outstanding deposit control under the high temperature conditions encountered in modern high output/low emission engines.

Product features

- Delo® 400 RDS is designed for use with low-sulphur diesel fuel
- Delo® 400 RDS is formulated with ISOSYN Technology, an optimized synthetic and premium mineral base oil blend plus the latest low-ash additive technology to provide the maximum oil drain intervals recommended for European DPF-equipped Euro IV, V and Euro VI compliant engines.

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Applications

- Naturally aspirated and turbocharged high speed, four-stroke diesel engines burning low-sulphur diesel fuel.
- Diesel engines meeting Euro IV, V and VI emission requirements fitted with Diesel Particulate Filters (DPF), Selective Catalytic Reduction (SCR) and / or Exhaust Gas Recirculation (EGR) emission control technologies.
- Earlier European heavy-duty diesel engines meeting Euro I, II or III emission requirements burning low-sulphur diesel fuel.
- Suitable for use in tractors and other agricultural machinery from the following manufacturers, which require an engine oil meeting the performance standards listed below:
 - Case New-Holland
 - CLAAS
 - Fendt
 - Massey–Ferguson
 - Mc Cormick
 - SAME
 - Valtra

Product approvals, performance and recommendations

Approvals

- Cummins CES 20076
- Daimler Trucks DTFR 15C110 (previously MB 228.51)
- Volvo VDS-3
- Mack EO-N
- Renault RLD-2
- Deutz DQC IV-18 LA
- MTU Category 3.1

Specifications

- ACEA E7, E8 and E11
- API CI-4
- Cummins CES 20077
- JASO DH-2
- MAN M3477, MAN M3271-1[#]

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

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Typical test data

DELO 400 RDS 10W-40	TEST METHOD	RESULT
Product Code		500369
Total Base No., mg KOH/g	ASTM D2896	10
Sulphated Ash, %wt	ASTM D874	1.0
Kinematic Viscosity,		
mm ² /s @ 40°C	ASTM D445	100
mm ² /s @ 100°C	ASTM D445	15
Viscosity Index,	ASTM D2270	154
Density @ 15°C, g/cm ³	ASTM D4052	0.8660
Pour Point, °C	ASTM D97	-42
Flash Point COC, °C	ASTM D92	236

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ENVIRONMENT, HEALTH, and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions, and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the Product Information Center.

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Chevron company product

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