

# Delo<sup>®</sup> 400 RDS SAE 10W-40

High Performance Synthetic-Blend Heavy Duty Engine Oil



## Product description

**Delo<sup>®</sup> 400 RDS SAE 10W-40** is a high performance synthetic blend heavy duty engine oil, formulated to conform to current ACEA requirements and top tier OEM specifications for Euro IV, Euro V and some Euro VI diesel engines. It utilises ISOSYN<sup>®</sup> Technology, with low Sulphated Ash, Phosphorus and Sulfur (SAPs) chemistry and a high viscosity index, helping to achieve an optimal blend of dispersant, detergent, oxidation resistant, anti-wear, corrosion inhibition, viscosity improver, and de-foaming additives.

Delo 400 RDS SAE 10W-40 is designed for long drain capability without compromising durability in modern low emission diesel and gas engines and offers reliable protection to diesel particulate filters (DPF).

## Customer benefits and product features

### Customer benefits

- **Helps extend emission control system life**  
Formulated with latest generation “low-SAPS” technology, it is designed to extend the life of sensitive catalyst metals and extend the cleaning intervals of diesel particulate filters.
- **Helps maximize engine life**  
Proven metallo-organic anti-wear additive system helps reduce wear in severe service by forming a protective layer on all metal contact surfaces. Wide-range SAE 10W-40 multigrade viscosity is formulated to help reduce friction at start-up and maximize lubricity at high operating temperatures.
- **Helps extend oil drain intervals**  
Good high temperature stability helps minimise degradation that leads to sludge formation and oil thickening and provides oil service intervals up to the maximum levels recommended for ACEA E8 oils in Euro IV, V and VI compliant engines.
- **Helps minimize oil consumption**  
Highly shear-stable viscosity index improvers offer good 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.
- **Helps improve power output**  
Advanced low-ash detergent / dispersant additive system is formulated to help maintain power output by providing outstanding deposit control under the high temperature conditions encountered in modern high output/low emission 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.
- Recommended by Chevron for use in tractors and other agricultural machineries 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

*Consult OEM representatives for independent verification, updates and recommendations.*

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## Product approvals, performance and recommendations

DELO <sup>®</sup> 400 RDS SAE 10W-40	
Cummins CES 20076	Approved
Daimler Trucks DTFR 15C110	Approved
Deutz DQC IV-18 LA	Approved
MTU Category 3.1	Approved
Volvo VDS-3	Meets requirements
Mack EO-N	Meets requirements
Renault VI RLD-2	Meets requirements
Renault Trucks RLD-3	Meets requirements
ACEA E7, E8, E11	Meets requirements
API CH-4, CI-4	Meets requirements
Cummins CES 20077	Meets requirements
JASO DH-2	Meets requirements
MAN Truck & Bus (Traton) M 3271-1, M 3477	Meets requirements

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## Typical test data

DELO 400 RDS 10W-40	TEST METHOD	RESULT
<b>Product Code</b>		<b>500369</b>
Total Base No., mg KOH/g	ASTM D2896	10
Sulphated Ash, mass %	ASTM D874	1.0
Sulfur, mass %	X-ray/ICP	0.22
Kinematic Viscosity,		
mm <sup>2</sup> /s @ 40°C	ASTM D445	100
mm <sup>2</sup> /s @ 100°C	ASTM D445	15
Viscosity Index	ASTM D2270	154

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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.

This Product Data Sheet (PDS) was produced for the Asia-Pacific region in good faith from the best information available at the time of issue. The specific information included may not directly reflect the local market or conditions. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. For the most up-to-date, country-specific information, please contact your local customer service center.

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