

Product Data Sheet

Tomoil™ UHPD 10W-40 LA

Engine oil

Product description

Tomoil™ UHPD 10W-40 LA represents a high-tier engine lubricant offering top-notch performance for use in diesel engines present in light and heavy commercial vehicles, irrespective of turbocharger presence. Crafted with care and featuring select base oils and an advanced additive system, it assures outstanding flow and lubrication properties, adhering to the stringent emission standards set by Euro-IV and Euro-V.

Application

- Modern heavy-duty engines fitted with Exhaust Gas Recirculation (EGR) and Selective Catalytic Reduction (SCR) systems, Diesel Particulate Filters (DPF)
- On-highway heavy-duty trucks and buses
- Off-highway mining, construction and agricultural equipment

Features & Benefits

- Exceptional thermal and oxidation stability
- Outstanding detergent and dispersant properties
- Fuel-efficient operation
- Superb cold start performance
- Excellent viscosity-temperature behavior
- Compatible with sealants
- High-level wear protection

Typical Properties

Property	Unit	Test method	Typical value
Kinematic Viscosity at 100°C	cst	ASTM D 445	14.50
Kinematic Viscosity at 40°C	cst	ASTM D 445	90.70
Viscosity Index	-	ASTM D 2270	167
Flash Point, COC	°C	ASTM D 92	230
Pour Point	°C	ASTM D 7346	-33
TBN	mg KOH/g	ASTM D 2896	10.1
Sulphated Ash Content	%	ASTM D 874	0.94
Density at 15°C	g/ml	ASTM D 4052	0.860
CCS at -25°C	cP	ASTM D 5293	4900

Typical property characteristics are based on current production. Whilst future production will conform to TomoilTM specifications, variations in these characteristics may occur.

Performance claims

- API CI-4
- ACEA E6/E7/E8/E9/E11
- JASO DH-2
- MB 228.51
- MAN M3477/M3271-1
- Volvo VDS-3
- Renault trucks RLD 2/RXD/RGD
- MTU Type 3.1
- Mack EO-N
- Deutz DQC IV 18 LA/DQC TTCD
- DAF extended drain
- Cummins CES 20076/20077
- Caterpillar ECF 1a

Health, Safety & Environment

• Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.tomoil.de

• Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- | | |
|------------------------|--------------------------|
| • 1 L Canister plastic | • 20 L Canister plastic |
| • 4 L Canister plastic | • 30 L Canister plastic |
| • 5 L Canister plastic | • 60 L Drum sheet metal |
| • 6 L Canister plastic | • 200 L Drum sheet metal |
| • 7 L Canister plastic | • 1000 L Container |

Storage

- We recommend to store all packages under cover.

- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

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