

GOLDENSTONE® ULTRA TD 10W-40

Technical Data Sheet (TDS) HEAVY DUTY DIESEL ENGINE OILS

Description and Application

Goldenstone® Ultra TD 10W-40 is top quality multigrade engine, blended with high quality synthetic base components, and an especially formulated advanced additive package and an extremely shear stable Viscosity Index Improver to ensure very high performance, excellent durability and stability during service at extended drain intervals.

Goldenstone® Ultra TD 10W-40 is designated for the lubrication of heavy-duty diesel engines Euro III, Euro IV and Euro V emission requirements and running under very severe conditions, e.g. significantly extended oil drain intervals according to the manufacturer's recommendations. It is suitable for commercial trucks and buses without particulate filters, and for some EGR engines and some engines fitted with SCR NOx reduction systems.

Benefits

- engine cleanliness at significantly extended oil drain intervals
- problem-free operation even in case of severe soot contamination of the oil
- bearing corrosion protection and low foaming tendency
- extremely minimized hazardous exhaust emissions
- problem-free engine start-ups at very low sub-zero ambient temperatures

Specifications

	SAE 10W-40
ACEA	E4/E7
API	CI-4
MB	228.5
MAN	M 3277
Volvo	VDS-3
MTU	Type 3
Renault Trucks	RLD-2, RXD
Cummins	CES 20078
Mack	EO-M Plus
Deutz	DQC IV-10
Detroit Diesel	93K215

Typical Characteristics

Parameter	Test Method	Typical Value
Density at 20°C, g/ml	EN ISO 3675	0.860
Kinematic Viscosity at 100°C, mm ² /s	EN ISO 3104	14.4
Kinematic Viscosity at 40°C, mm ² /s	EN ISO 3104	94.5
Viscosity Index	ISO 2909	158
Flash point COC, °C	EN ISO 2592	230
Pour point, °C	ISO 3016	-33
TBN (HClO ₄), mg KOH/g	ASTM D 2896	12.6
Sulfated Ash, %	EN ISO 3987	1.6

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Goldenstone Europe

Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

<http://www.goldenstoneoils.com>

Packages

20L, 210L, 1000L

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