

GOLDENSTONE® LEADER TD SAE 15W-40/20W-50

Technical Data Sheet (TDS)

MULTIGRADE ENGINE OILS FOR DIESEL ENGINES

Description and Application

Goldenstone® Leader TD multigrade engine oils are formulated from a special selection of high quality solvent refined and hydrotreated base stocks and high performance advanced additive technology to meet and exceed the most demanding current lubrication requirements of gasoline and diesel engine manufacturers.

Goldenstone® Leader TD multigrade engine oils are designed for use in a wide variety of automotive vehicles both diesel and gasoline engines on passenger cars, light trucks and vans, and commercial trucks to the most heavy-loaded machines. These oils are particularly appropriate for mixed fleet service operations in mining and road construction industries, farming and timber industry.

Benefits

- Excellent detergent/dispersant properties, ensuring the highest possible cleanness of the modern up-to-date engines designed according to the latest environmental requirements.
- Superior oxidation stability preventing oil thickening during high temperature and high load service operations
- Provide for the necessary anti-friction properties in transmissions /gear boxes/ and differentials of certain equipment and machines, where manufacturers prescribe the use of motor oils.
- Ensure normal operation for older generation of vehicles

Specifications

	SAE 15W-40	SAE 20W-50
ACEA	E2, A2, B3	
API	CG-4/CF-4/CF/SJ	
MB	228.1, 229.1	
VW	501 01 / 505 00	
MAN	271	
Volvo	VDS	-
MTU	Type 1	-
Mack	EO-L	-

Typical Characteristics

Parameter	Test Method	Typical Value	
		SAE 15W-40	SAE 20W-50
Density at 20°C, g/ml	EN ISO 3675	0.880	0.886
Kinematic Viscosity at 100°C, mm ² /s	EN ISO 3104	14.5	19.0
Kinematic Viscosity at 40°C, mm ² /s	EN ISO 3104	106.4	168.4
Viscosity Index	ISO 2909	140	128
Flash point COC, °C	EN ISO 2592	228	236
Pour point, °C	ISO 3016	-33	-27
TBN (HClO ₄), mg KOH/g	ASTM D 2896	8.2	
Sulfated Ash, %	EN ISO 3987	1.0	

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.

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:

www.goldenstoneoils.com

Packages

1L, 4L, 20L, 210L, 1000L