

# GOLDENSTONE® LEADER TD SAE 10W-40

## Technical Data Sheet (TDS)

### PASSENGER CAR ENGINE OILS

#### Description and Application

**Goldenstone® Leader TD 10W-40** is a part synthetic multigrade engine oil of unique contents and formulation. Product is formulated with special base components plus an advanced additive technology and the finished lubricant meets and exceeds the latest OEM requirements for diesel and gasoline engine oils.

**Goldenstone® Leader TD 10W-40** is designed for modern diesel and gasoline engines of passenger cars and light-duty vehicles with high pressure direct fuel injection equipped with turbo-compressors. This product has been especially developed to meet the requirements of major OEM demanding oil that ensures life-time wear protection.

#### Benefits

- Excellent detergent/dispersant properties, ensuring the highest possible cleanness of the modern up-to-date engines designed
- Superior oxidation stability preventing oil thickening during high temperature and high load service operation
- A guaranteed protection against cylinder bore polishing and bearing corrosion
- Ensures normal operation and service of modern engines equipped with catalytic/aftertreatment systems to enable thorough burning of exhaust gasses (excluding those with DPF)

#### Specifications

	SAE 10W-40
ACEA	A3/B4
API	CF/SN
MB	229.3*
VW	502 00/505 00
RN	0710/0700
PSA	B71 2300-14
JASO	MA-2

\*MB-Approval 229.3

#### Typical Characteristics

Parameter	Test Method	Typical Value
Density at 20°C, g/ml	EN ISO 3675	0.868
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s	EN ISO 3104	14.5
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s	EN ISO 3104	99.9
Viscosity Index	ISO 2909	150
Flash point COC, °C	EN ISO 2592	228
Pour point, °C	ISO 3016	-36
TBN (HClO <sub>4</sub> ), mg KOH/g	ASTM D 2896	10.1
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: <http://www.goldenstoneoils.com>