

# GOLDENSTONE® SUPER GAS SAE 15W-40/20W-50

## Technical Data Sheet (TDS) PASSENGER CAR ENGINE OILS

### Description and Application

**Goldenstone® Super Gas** multigrade engine oils are designed for lubrication of engines burning commercial propane/butane (LPG).

These lubricants are formulated with a special selection of high quality solvent refined, hydrotreated and synthetic base stocks and special advanced additive technology to ensure very good detergent and dispersant properties and protection against rust, corrosion, oxidation, and low temperature deposit formation. The employed detergents/dispersants effectively reduce the high temperature deposit and lacquer accumulation maintaining clean all engine parts and components.

The anti-wear and anti-scuffing agents in the additive package provide for dependable and sure protection against wear thus extending the engine life and increasing its service reliability.

The performance additive package contains special high temperature anti-oxidants preventing lubricant deterioration under the high temperature conditions inherent in LPG engines.

### Benefits

- Excellent oxidation and nitration protection
- Excellent wear protection
- Clean combustion area
- Extended spark plug life
- Prevents pre-ignition
- Prolonged engine service life

### Specifications

	SAE 15W-40	SAE 20W-50
ACEA	A3/B3	
API	SL	
MB	229.1	

### Typical Characteristics

Parameter	Test Method	Typical Value	
		SAE 15W-40	SAE 20W-50
Density at 20°C, g/ml	EN ISO 3675	0.879	0.886
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s	EN ISO 3104	14.8	18.9
Kinematic Viscosity at 40°C, mm <sup>2</sup> /s	EN ISO 3104	108.4	167.1
Viscosity Index	ISO 2909	141	128
Flash point COC, °C	EN ISO 2592	228	236
Pour point, °C	ISO 3016	-30	-24
TBN (HClO <sub>4</sub> ), mg KOH/g	ASTM D 2896	8.8	
Sulfated Ash, %	EN ISO 3987	0.95	

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](http://www.goldenstoneoils.com)