

## RIDA Petrol Engine Oil API SN Series (Fully Synthetic)

- *Anti-wear protection*
- *Oxidation resistance*
- *Excellent cleaning power*
- *Long drain interval protection*
- *Lower Fuel Consumption*

RIDA Petrol Engine Oil API SN Series is a premium quality synthetic lubricating oils fully engineered for use in all types of petrol automobile engines. The synthetic base fluids in combination with the advance additive system provide the outmost wear protection and excellent thermo-oxidative stability. Rida Petrol Engine API SN Series is also approved by leading car manufacturers and meets the latest industry standards for service fill use.

### Designed to Perform

**Oxidation Resistance** – Rida Petrol Engine Oil API SN Series provides a good oxidation stability that reduced engine deposits and sludge build up, the advance anti-oxidant additive present slows down the oil degradation ensuring longer maintenance intervals.

**Anti-wear, Anti-corrosion & Anti-rust Protection** – Longer Equipment Life, proven anti wear, anti-corrosion and anti-rust additive packages provide greater resistance and extend engine life and provides low maintenance costs. These properties of Rida Petrol Engine Oil API SN Series Oils prevent rust development by creating a thin film on the engine metal surfaces or any adjacent component of thus preventing the moisture absorption of its metal parts.

**Antifoam** – Increased Performance  
Easy release of entrained air which will protects in over heating of the system and protects the oil surface area in further exposure to oxygen.

**High Viscosity Index** – Boost Energy Efficiency  
high viscosity oil engineered to protect against metal-to-metal contact. It maintains the optimum viscosity and resist shearing on the longer run, and in a wide range of working temperature. Consequently, the reduced viscosity at lower temperatures improves the ability of a vehicle to start and helps to lower fuel consumption.

**Advance Detergent Additive System** – Improves Engine Cleanliness. These additives help to remove impurities that travel to the oil filter while also cleaning existing deposits and foreign substances in the engine. This increase in engine cleanliness helps to reduce the damage these contaminants may have caused.

### Performance Characteristics

Rida Petrol Engine Oil API SN Series has a premium protection Motor Oil is specially formulated to provide superior protection and performance in a wide variety of demanding applications. It is an improved formulation of Rida SM series, which have a better High temperature deposit protection for pistons, Better sludge control, and Better seal compatibility.

Rida Petrol Engine Oil API SN Series has and improved emission system protection, turbocharger protection and compatibility with engines operating on ethanol containing fuels, up to E-85.

Rida Petrol Engine Oil API SN Series provides flexibility and performance beyond conventional oils for convenience and trouble free operation. It is recommended for use up to 18,000 km. In motorcycles, small engines, stationary engines, heavy equipment and other applications, extend drain intervals based on oil analysis or follow the manufacturer recommended drain interval.

# Technical Data Sheet (TDS)



## RIDA Petrol Engine Oil API SN Series

Meets the requirements of the following specifications:

- API SN
- API SM
- API SL/CF
- ACEA A3/B3
- VOLKSWAGEN Norm 501 00/505 00
- MB 229.1
- SEAT 501 00/505 00
- SKODA 501 00/505 00
- AUDI 501 00/505 00

## Typical Physical Characteristics

Property	Temp	Units	Test Methods	SAE 0W-30	SAE 5W-30	SAE 5W-40	SAE 10W-30	SAE 10W-40
Kinematic Viscosity	@ 100°C	cSt	ASTM D445	9.3 - 12.0	9.3 - 12.0	12.5 - 16.0	9.3 - 12.0	12.5 - 16.0
Viscosity Index			ASTM D2270	≥ 140	≥ 140	≥ 140	≥ 140	≥ 140
Density	@ 15 °C	kg/l	ASTM 4052	0.869	0.869	0.870	0.869	0.870
Total Base Number		mg KOH/g	ASTM 2896	> 7.0	> 7.0	> 7.0	> 7.0	> 7.0
Viscosity	@ -35 °C			≤ 6200	-	-	-	-
Flash Point (COC)		°C	ASTM D92	220 - 240	220 - 240	220 - 240	220 - 240	220 - 240
Pour Point		°C	ASTM D97	-40	-38	-38	-34	-34

*These characteristics are typical of current product methods whilst future production will conform to Rida Lubricants specifications, variations in these physical characteristics may occur.*

### Health & Safety Environment

- This product is unlikely to present any significant health and safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.
- Avoid contact with eyes and skin, use proper impervious gloves with used oil. After skin contact, wash immediately with soap and water. Guidance on health and safety is available on the appropriate Material Safety Data Sheet (MSDS) which can be obtained from [www.ridalubs.com](http://www.ridalubs.com)

### Protect the Environment

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

### Additional Information

- Technical advice on any applications not covered here may be obtained from your Rida Lubricants Representative.