



ENEOS

JAPAN'S No.1 Oil Company

www.eneos.asia

SUSTINA

Premium Quality

Ultimate-Performance Motor Oil

Product Data Sheet

DESCRIPTION

In recent years, energy conservation has progressed and there is growing concern about the release of emissions, such as carbon dioxide, into the environment. Therefore, automobile manufacturers are increasing the production of low-emission certified vehicles and fuel saving standard achievement cars year by year. In order to achieve fuel efficiency standards, the engine has been designed by introducing a variety of technologies and engine oil has been expected to provide fuel saving by lowering the oil viscosity. SUSTINA is a gasoline engine oil that achieves highest fuel saving and ultimate engine protection performance compared to conventional oil and extending the operational life of your vehicle.

ADVANTAGES

✓ **ENEOS Proprietary WBASE Oil Technology**

- SUSTINA is made by a combination of WBASE and ZP technology. JXTG Nippon Oil & Energy's proprietary WBASE technology produces extremely high viscosity index synthetic base oil (15% greater than the conventional synthetic base oils) that maintains a very stable oil viscosity over a wide temperature range. This technology allows ENEOS SUSTINA to remain very fluid at cold temperatures, reducing internal engine drag and improving fuel economy up to 2% compared to currently available fuel-conserving GF-4 and GF-5 oils of the same viscosity. In addition, since pressure-viscosity coefficient is about 5% lower than conventional base oils, WBASE technology greatly reduce the viscous resistance, especially at high pressure points. SUSTINA using WBASE, which has these two properties, exhibits high fuel saving performance.

✓ **ZP Advance Additive Technology**

- ENEOS proprietary ZP (Zinc di-alkyl phosphate) technology* is designed to optimise our blend of detergent additive. Although ZDTP (Zinc di-alkyl di-thiophosphate) has been used as a detergent additive for conventional engine oils, ZDTP contains sulphur, and it is thought that one of the causes that degrade the engine oil is sulphuric acid decomposed inside the engine. ZP is a revolutionary sulphur-free anti-wear additive, that prevents engine oil degradation and achieves superior protection while keeping your engine clean.

*ZP technology has won numerous awards such as "Chemical Technology Award, 2011" of the Chemical Society of Japan.

✓ **Ultimate Performance**

- (1) Fuel-efficiency improvement: up to 2% increase*
 - (2) Double fuel-efficiency performance endurance*
 - (3) Double cleaning performance endurance*
- * Comparison with GF-4 existing fuel-efficient oil (same viscosity grade)

PERFORMANCE LEVEL

API SN

APPLICABLE VEHICLES

Recommended for gasoline engine passenger car.

5W-40 oil can be used for gasoline engine passenger car and diesel engine light van.

*Caution: For trouble prevention, please use proper viscosity grade oil for the car

CONTAINER SIZE

4 Litre

Safety Precaution:

- Avoid prolonged and repeated skin contact with used oils
- In case of physical contact, wash immediately with soap and water
- Protect the environment by disposing off used oils as per local regulations

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TYPICAL CHARACTERISTICS

SAE Grade		0W-50	5W-40
API Performance Grade		SN	SN
ACEA		-	C3, A3/B4
Density (15°C) g/cm ³	ASTM D 4052	0.845	0.847
Viscosity mm ² /s (40°C)	ASTM D 445	95.4	75.3
	(100°C)	ASTM D 445	17.3
Viscosity Index	ASTM D 2270	199	180
Flash Point °C	ASTM D 92	224	234
Pour Point °C	ASTM D 97	-47.5	-45
Base Number	ASTM D 4684	6.7	6.6

Note: Typical characteristics are subject to change without notice (August, 2015)

HANDLING PRECAUTION



Handling Precautions ▼ Follow these precautions when handling this product.

! CAUTION Handling Precautions	<ul style="list-style-type: none"> ● Draining oil from a hot engine can cause <u>burns</u>. Drain oil only <u>after the engine has cooled</u>. ● <u>Inflammation can occur if oil enters the eyes</u>. When handling this oil, wear <u>protective goggles</u> or take other measures to <u>prevent eye contact</u>. ● <u>Inflammation can occur if oil comes into contact with skin</u>. When handling this oil, wear <u>protective gloves</u> or take other measures to <u>prevent skin contact</u>. ● Do not drink this oil. (Swallowing this oil can cause diarrhoea and nausea.) ● <u>Keep out of reach of children</u>. ● Read the Safety Data Sheet (SDS) for this product before using the product. Obtain the SDS from where you purchased the product.
First Aid	<ul style="list-style-type: none"> ● In case of eye contact, rinse eyes thoroughly with clean water and consult with a physician. ● In case of skin contact, wash skin thoroughly with soap and water. ● If this oil is swallowed, do not induce vomiting. Consult with a physician immediately.
Disposal of Used Oil and Containers	<ul style="list-style-type: none"> ● Do not apply pressure to empty containers. The containers may burst if pressure is applied. ● Do not weld, heat, drill, or cut the containers. The remaining oil may ignite and the containers may explode. ● Follow all applicable laws and regulations when disposing of used oil or containers. If you are unsure of the proper disposal methods, consult first with the seller of the oil.
Storage Method	Seal the container tightly after use in order to prevent dirt, moisture, etc., from entering the oil. Store in a dark location. Avoid direct sunlight.

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