



ENEOS

JAPAN'S No.1 Oil Company

www.eneos.asia

FULLY-SYNTHETIC

Ride Comfort, Fuel Efficiency

High temperature oxidation stability,

Piston Cleanliness

Product Data Sheet

DESCRIPTION

ENEOS X PRIME is a New Premium Engine Oil developed with reference to the voices of ENEOS service stations nationwide. In order to further improve customer satisfaction, it was developed with a focus on "ride comfort," which is our unique index, in addition to fuel efficiency and acceleration performance. In addition to meeting the performance requirements of the latest engine oil standards (API:SP, ILSAC:GF-6), the ride comfort has been greatly improved by reduced engine noise and vibration resulted by significantly reduced friction.

SPECIAL FEATURES

1. Product performance

ENEOS X PRIME indicates the following three product performances.

- Ride comfort

X PRIME demonstrates significant friction reduction in a wide temperature range from low to high due to the unique compounding technology of additives. By reducing the noise and vibration inside the engine, the ride comfort has been greatly improved (*).

Driving condition of the car	Reduction %	
	Noise	Vibration
Idling (waiting for traffic signals)	24	24
2000 r/min (riding in town)	21	16
3000r/min (accelerating)	32	4

- Fuel efficiency

In consideration of the environment, X PRIME pursued further improvement in fuel efficiency. Fuel efficiency has been improved by up to 3% (*).

- Acceleration

The unique blending technology of base oil and additives has realized a significant reduction in viscous resistance. As a result, the acceleration performance of the car has improved by up to 5% (*).

(*). Compared with our conventional product (API SN/RC, ILSAC GF-5, same viscosity grade). Performance may vary depending on driving conditions and viscosity grade.

- Compliant with the latest engine oil standards (API:SP, ILSAC:GF-6)

ENEOS X PRIME is a high-performance gasoline engine oil that has passed the latest gasoline engine oil standards API SP, ILSAC GF-6 (Except for 5W-40).

The conventional performance requirements such as "fuel efficiency", "high temperature oxidation stability", and "piston cleanliness" have been enhanced.

Performance to prevent "abnormal combustion (LSPI:Low Speed Pre-Ignition)" and "timing chain wear", which tend to occur in direct injection engines, has been newly added.

APPLICATIONS

Gasoline engine oil for passenger car (To avoid troubles, please use proper viscosity grade oil for the car).

CONTAINER SIZE

4 Litre

TYPICAL PROPERTIES

SAE viscosity grades	0W-20	5W-30	5W-40
API category	SP/RC	SP/RC	SN
ILSAC standard	GF-6A	GF-6A	-
ACEA oil sequence	-	-	C3
JASO engine oil standard	-		-
Color(ASTM)	L3.0	L3.0	L5.0
Density, g/cm ³	0.844	0.847	0.851
Kinematic viscosity(40 °C), mm ² /s	28.3	39.2	80.0
(100 °C), mm ² /s	7.6	9.4	13.5
Viscosity index	258	235	172
Flash point (COC), °C	232	242	234
Pour point, °C	-52.5	-42.5	-45
Acid number, mgKOH/g	2.4	2.0	1.5
Base number (ASTM D664), mgKOH/g	5.6	4.5	6.8

*RC: Resource Conserving

Note: the typical properties are subject to change without notice. (May 2021)

HANDLING PRECAUTION

Composition :	Base Oil(s), Additives
Precautionary pictograms:	Not applicable
Signal word:	Not applicable
Hazard Statement:	Not applicable
Precautionary Statements:	<ul style="list-style-type: none"> • Do not handle until all safety precautions have been read and understood. • Wear protective gloves/protective clothing/eye protection/face protection. • Do not allow the eyes to become exposed to the product. Do not swallow the product. • Wash hands thoroughly after handling. • Do not eat, drink or smoke when using this product.
Prevention	
Response	<ul style="list-style-type: none"> • IF SWALLOWED: Immediately call a POISON CENTER/doctor. • IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. • If the eyes are exposed to the product: Rinse the eyes with plenty of running water and immediately contact a physician. • IF ON SKIN: Wash with plenty of soap and water.
Storage	<ul style="list-style-type: none"> • The product must be stored in a cool, well-ventilated location where it will not be exposed to direct sunlight. • Containers that have been opened must be tightly sealed.
Disposal	<ul style="list-style-type: none"> • Dispose of contents/container in accordance with local/regional/national/international regulations. • If there are any doubts about proper methods of handling the product, contact the point of purchase before proceeding with usage.