

# 2 CYCLE SPEED

## General purpose type 2 cycle engine oil

In the 2-cycle engine, part of the engine oil is burned together with gasoline due to the engine mechanism. This causes carbon to accumulate in the combustion chamber and exhaust system, and thus the output tends to decrease.

**2 CYCLE SPEED** is a 2-cycle engine oil that exhibits excellent lubricity, anti-wear performance and engine cleanliness while minimizing the deposition of carbon by blending excellent additives in highly refined mineral oil.

**2 CYCLE SPEED** is an economical two-cycle engine oil that can be used for every two-cycle engine including motorcycles, agriculture and forestry industries.

### ●Special Features

#### 1. Good lubricity and anti-wear performance

**2 CYCLE SPEED** is formulated with highly refined base oil with excellent lubricity, so it forms a strong oil film in the sliding parts of pistons, cylinders, bearings, etc. to prevent piston seizure and bearing wear.

#### 2. Good engine cleanliness

By carefully selecting proper metallic detergent and ashless dispersant in a well-balanced manner, **2 CYCLE SPEED** suppresses the generation of deposits in the combustion chamber and demonstrates excellent piston cleanliness even at high temperatures.

#### 3. Good performance for exhaust system blocking

Blocking of the exhaust system by carbon deposits leads to a decrease in engine output. **2 CYCLE SPEED** always minimizes the blockage of the exhaust system.

#### 4. Extended life of spark plug

**2 CYCLE SPEED** prevents the spark plug bridge and deterioration of the plug which is unique to a two-cycle engine. Therefore, it extends the plug life.

#### 5. Good mixability with gasoline

**2 CYCLE SPEED** has good mixability with gasoline so that it can be applied to mixed lubrication system. Mixing ratio of fuel and oil should be the recommended rate of engine manufacturer.

### ●Performance Classification

JASO FB of TWO CYCLE GASOLINE ENGINE OIL PERFORMANCE CLASSIFICATION (JASO M345)

### ●Applications

For every two-cycle engine including motorcycles, leisure boats, agriculture and forestry machinery.

### ●Containers

200-liter drum, 20-liter pail can, 4-liter can (6 pieces) and 1-liter can (20 pieces)

### ●Typical Properties of 2 CYCLE SPEED


Color		red
Density	(15°C) g/cm <sup>3</sup>	0.876
Kinematic viscosity	(40°C) mm <sup>2</sup> /s	54.6
Kinematic viscosity	(100°C) mm <sup>2</sup> /s	8.31
Viscosity Index		124
Flash point	(COC) °C	150
Pour point	°C	-35.0
Acid number	mgKOH/g	0.07
Base number (ASTM D2896)	mgKOH/g	2.29
Sulfated ash	mass%	0.10

Note: The typical properties may be changed without notice. (March 2024)



## Handling Precautions

▼ Follow these precautions when handling this product.

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