

## Briggs & Stratton 272075

# Briggs & Stratton 2-Cycle Oil (8 Oz., Model 272075) Instruction Manual

For use with air-cooled 2-cycle engines on outdoor power equipment.

## 1. INTRODUCTION

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This manual provides essential instructions for the safe and effective use of Briggs & Stratton 2-Cycle Engine Oil, Model 272075. This 8 oz. bottle contains a high-quality, ashless oil formulated to meet Briggs & Stratton factory specifications and warranty requirements. It includes a fuel stabilizer for extended fuel life and is ideal for air-cooled 2-cycle engines found in outdoor power equipment such as lawn mowers, chainsaws, and leaf blowers.



Image 1.1: Briggs & Stratton 2-Cycle Oil, 8 oz bottle. This image shows the front label of the oil bottle, highlighting its key features like 'Easy Mix, Ashless' and 'With fuel stabilizer'.

## 2. SAFETY INFORMATION

Always prioritize safety when handling engine oil and fuel. Failure to follow these safety guidelines may result in personal injury or damage to equipment.

- **Read all instructions:** Before using this product, read and understand all instructions in this manual and your equipment's owner's manual.
- **Ventilation:** Use in a well-ventilated area. Avoid inhaling fumes.
- **Eye and Skin Protection:** Wear appropriate eye protection (safety glasses) and gloves to prevent contact with skin and eyes. In case of contact, flush thoroughly with water.
- **Flammability:** Engine oil and gasoline are flammable. Keep away from open flames, sparks, and other ignition sources. Do not smoke while handling.
- **Storage:** Store in a cool, dry place, away from direct sunlight and out of reach of children and pets. Keep container tightly closed.
- **Disposal:** Dispose of used oil and empty containers according to local regulations. Do not pour into drains or onto the ground.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to

cause cancer and birth defects or other reproductive harm.

### 3. SETUP AND MIXING INSTRUCTIONS

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This 2-cycle oil must be mixed with gasoline before use. Refer to your engine's owner's manual for the correct fuel-to-oil mixing ratio. Common ratios are 50:1 or 40:1.

1. **Determine Ratio:** Consult your equipment's owner's manual to find the recommended fuel-to-oil mixing ratio.
2. **Select Fuel Container:** Use a clean, approved fuel container.
3. **Add Oil:** Pour the correct amount of Briggs & Stratton 2-Cycle Oil into the fuel container first. The 8 oz. bottle is designed for convenient mixing with specific fuel volumes (e.g., 8 oz. for 2.5 gallons at a 40:1 ratio, or 8 oz. for 3.3 gallons at a 50:1 ratio).
4. **Add Gasoline:** Slowly add the required amount of fresh, unleaded gasoline (minimum 87 octane) to the container.
5. **Mix Thoroughly:** Securely close the fuel container and gently shake it to ensure the oil and gasoline are thoroughly mixed.
6. **Label Container:** Clearly label the container with the mixture ratio and date.

*Note:* This oil contains a fuel stabilizer, which helps keep fuel fresh for longer periods. However, always use fresh fuel for optimal engine performance.

### 4. OPERATING INSTRUCTIONS

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Once the fuel-oil mixture is prepared, it can be used in your 2-cycle engine.

1. **Engine Off:** Ensure the engine is turned off and cool before refueling.
2. **Clean Area:** Clean any dirt or debris from around the fuel cap to prevent contamination of the fuel tank.
3. **Refuel:** Carefully pour the mixed fuel into the engine's fuel tank, avoiding overfilling.
4. **Secure Cap:** Replace the fuel cap securely.
5. **Start Engine:** Follow your equipment's specific starting procedures.

*Important:* Never use unmixed gasoline in a 2-cycle engine, as this will cause severe engine damage.

### 5. MAINTENANCE

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Proper maintenance ensures the longevity and performance of your 2-cycle engine.

- **Fuel Storage:** Due to the integrated fuel stabilizer, mixed fuel can be stored for longer periods. However, it is best to use fuel within 30-60 days for optimal performance. Always store fuel in an approved, sealed container.
- **Engine Cleaning:** Regularly clean your engine and air filter as per your equipment's manual to prevent overheating and ensure proper operation.
- **Spark Plug:** Inspect and replace the spark plug periodically. A correctly mixed fuel-oil ratio helps prevent excessive carbon buildup on the spark plug.
- **Winter Storage:** Before storing equipment for extended periods, ensure the fuel tank is either completely empty or filled with fresh, stabilized fuel. Run the engine until it stops to clear the carburetor of fuel.

## 6. TROUBLESHOOTING

If you encounter issues with your 2-cycle engine, consider the following common problems related to fuel and oil:

Problem	Possible Cause	Solution
Engine will not start or runs poorly	Incorrect fuel-oil mixture ratio; stale fuel; water in fuel.	Verify correct mixing ratio. Drain old fuel and replace with fresh, correctly mixed fuel. Check for water contamination.
Excessive smoke from exhaust	Too much oil in the mixture.	Ensure the correct fuel-to-oil ratio is used. Drain and replace with a properly mixed batch if necessary.
Engine overheating	Too little oil in the mixture; carbon buildup.	Confirm correct mixing ratio. Inspect and clean cooling fins and air filter. Consult a service professional if issues persist.

For more complex issues, refer to your equipment's owner's manual or contact a certified service technician.

## 7. SPECIFICATIONS

**Product Name:** Briggs & Stratton 2-Cycle Oil

**Model Number:** 272075

**Liquid Volume:** 8 Fluid Ounces (0.2365 L)

**Formulation:** Ashless, with fuel stabilizer

**Recommended Use:** Air-cooled 2-cycle engines (Lawn Mower, Chainsaw, Leaf Blower)

**Container Type:** Bottle

**Manufacturer:** Briggs & Stratton Corporation

**UPC:** 074748316952, 040023320679, 024847760316

## 8. WARRANTY AND SUPPORT

Briggs & Stratton 2-Cycle Engine Oil is blended to Briggs & Stratton factory specifications and is warranty approved. The use of this oil assures compliance with Briggs & Stratton warranty requirements regarding the use of appropriate lubricant for your engine.

For specific warranty details regarding your engine or equipment, please refer to the owner's manual provided with your product. For further support or to locate a service dealer, visit the official Briggs & Stratton website or their Amazon store:

[Briggs & Stratton Amazon Store](#)