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Briggs & Stratton 100036

Briggs & Stratton 2-Cycle Easy Mix Motor Oil (Model 100036) Instruction Manual

Model: 100036 | Brand: Briggs & Stratton

1. Product Overview

This manual provides essential information for the safe and effective use of Briggs & Stratton 2-Cycle Easy Mix Motor Oil, Model 100036. This product is designed for use in 2-cycle engines, offering a convenient solution for fuel mixing and engine protection.

Key Features:

- Genuine Briggs & Stratton replacement part.
- Formulated for 2-cycle engines.
- Includes fuel stabilizer for extended fuel life.
- Features a 'Tip 'N' Measure' bottle for easy and accurate mixing.
- Low smoke formula.



Figure 1: Briggs & Stratton 2-Cycle Easy Mix Motor Oil (Pack of 2)

The Briggs & Stratton 2-Cycle Easy Mix Motor Oil is a genuine OEM replacement part, ensuring compatibility and optimal performance for your equipment. It is designed to be mixed with gasoline for various 2-cycle engines, such as those found in lawn mowers, trimmers, and chainsaws.

2. Safety Precautions

Always prioritize safety when handling motor oil and fuel. Failure to follow these precautions can result in serious injury or property damage.

- **Flammability:** Motor oil and gasoline are highly flammable. Keep away from open flames, sparks, and heat sources. Do not smoke while handling.
- **Ventilation:** Use in a well-ventilated area to avoid inhaling fumes.
- **Eye Protection:** Wear safety glasses or goggles to protect eyes from splashes.
- **Skin Contact:** Avoid prolonged or repeated skin contact. Wash hands thoroughly with soap and water after handling.
- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Seek immediate medical attention.
- **Storage:** Store in a cool, dry place, out of reach of children and pets. Keep containers tightly closed.
- **Disposal:** Dispose of used oil and empty containers according to local regulations. Do not pour down drains or onto the ground.

WARNING: This product can expose you to chemicals including carbon monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

3. Setup: Mixing Instructions

This Briggs & Stratton 2-Cycle Easy Mix Motor Oil features a convenient 'Tip 'N' Measure' bottle designed for accurate mixing. Always consult your engine's owner's manual for the specific fuel-to-oil mixing ratio required for your equipment.

General Mixing Ratios (Consult Engine Manual for Specifics):

- **50:1 Ratio:** 2.6 oz. of oil per 1 gallon of gasoline.
- **40:1 Ratio:** 3.2 oz. of oil per 1 gallon of gasoline.
- **32:1 Ratio:** 4.0 oz. of oil per 1 gallon of gasoline.

Using the 'Tip 'N' Measure' Bottle:

1. Ensure the main cap is securely tightened.
2. Loosen the small cap on the measuring chamber.
3. Gently squeeze the main bottle until the desired amount of oil fills the measuring chamber. The chamber has markings for common ratios.
4. Pour the measured oil into your fuel container.
5. Add the appropriate amount of fresh, unleaded gasoline to the fuel container.
6. Securely close both the fuel container and the oil bottle caps.
7. Gently shake the fuel container to ensure thorough mixing of oil and gasoline.



Figure 2: Close-up of the 'Tip 'N' Measure' bottle for accurate oil measurement.

Always use fresh, high-quality unleaded gasoline with an octane rating of 87 or higher. Do not use E85 or gasoline containing more than 10% ethanol (E10).

4. Operation

Once the fuel and oil are correctly mixed, the mixture is ready for use in your 2-cycle engine equipment.

- **Fueling:** Carefully pour the mixed fuel into the fuel tank of your 2-cycle engine equipment. Avoid overfilling.
- **Engine Start-up:** Follow the specific starting procedures outlined in your equipment's owner's manual.
- **Regular Use:** Use the mixed fuel as needed for your equipment's operation.
- **Fuel Stabilizer Benefit:** The integrated fuel stabilizer helps keep the fuel fresh for longer periods, reducing issues related to stale fuel, especially during infrequent use or storage.

It is recommended to use fresh fuel for optimal engine performance. Even with a stabilizer, fuel can degrade over time.

5. Maintenance

Proper storage and maintenance of your motor oil and mixed fuel are crucial for safety and product longevity.

Storage:

- Store the Briggs & Stratton 2-Cycle Easy Mix Motor Oil in its original, tightly sealed container.
- Keep in a cool, dry, well-ventilated area, away from direct sunlight and extreme temperatures.
- Store mixed fuel in an approved, clearly labeled fuel container.
- Do not store mixed fuel for more than 30 days, even with the integrated stabilizer, for best performance. For longer storage, consider draining the fuel system or using a dedicated fuel stabilizer for extended periods.

Disposal:

- Dispose of used motor oil and old mixed fuel at an authorized recycling center or according to local environmental regulations.
- Never pour oil or fuel into drains, on the ground, or into general waste.
- Empty oil containers should also be disposed of responsibly, following local guidelines.

6. Troubleshooting

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

- **Engine Not Starting:** Ensure you are using the correct fuel-to-oil ratio. Incorrect ratios can prevent starting or cause engine damage. Check if the fuel is fresh; stale fuel is a common cause of starting problems.
- **Excessive Smoke:** If the engine produces excessive blue or white smoke, the fuel-to-oil ratio might be too rich (too much oil). Verify your mixing measurements.
- **Engine Overheating/Seizing:** Insufficient oil in the mixture (too lean) can lead to severe engine damage, including overheating and seizing. Always ensure accurate oil measurement.
- **Poor Performance:** Incorrect fuel mix or old fuel can lead to reduced power, rough idling, or stalling. Always use fresh fuel and the correct oil ratio.

For persistent engine problems, consult your equipment's owner's manual or contact a qualified service technician.

7. Product Specifications

Specification	Detail
Brand	Briggs & Stratton
Model Number	100036
Item Weight	15 ounces (per bottle)
Product Dimensions	4 x 4 x 6.5 inches (approximate, per bottle)
Viscosity	10W-40 SAE Grade (as listed in some specifications)
Volume	16 fl. oz. (0.48 L) per bottle
Engine Type	2-Cycle (Two-Stroke)
Features	Fuel Stabilizer, Low Smoke Formula, Multi Ratio Blend, Tip 'N' Measure Bottle

8. Warranty and Support

This Briggs & Stratton product is a genuine replacement part. For specific warranty information regarding your Briggs & Stratton engine or equipment, please refer to the owner's manual provided with your equipment or visit the official Briggs & Stratton website.

For technical support or inquiries about this motor oil, it is recommended to contact Briggs & Stratton directly through their official customer service channels. Always consult your equipment's owner's manual for proper part number identification and installation procedures.

You can find more information and support resources on the official Briggs & Stratton website: www.briggsandstratton.com

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