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Briggs & Stratton 100005

Briggs & Stratton 100005 SAE 30W Engine Oil Instruction Manual

Premium 4-Cycle Small Engine Oil for Optimal Performance

INTRODUCTION

This manual provides essential information for the proper use and maintenance of Briggs & Stratton 100005 SAE 30W Engine Oil. This premium 4-cycle small engine oil is specifically formulated to ensure the longevity and optimal performance of your Briggs & Stratton engines. Always refer to your engine's owner's manual for specific oil recommendations and capacities.



Image: A single bottle of Briggs & Stratton 100005 SAE 30W Engine Oil, 18 fl. oz. The bottle is black with a red label featuring the Briggs & Stratton logo and product details.

PREPARATION FOR OIL CHANGE

- Consult Engine Manual:** Before starting, always refer to your specific engine's owner's manual for the correct oil type, capacity, and recommended change intervals.
- Gather Supplies:** Ensure you have the Briggs & Stratton 100005 SAE 30W Engine Oil, a suitable oil drain pan, a funnel, a wrench for the drain plug (if applicable), and a new oil filter (if your engine uses one).
- Warm Up Engine (Briefly):** Run the engine for a few minutes to warm the oil. Warm oil drains more completely. Turn off the engine and disconnect the spark plug wire to prevent accidental starting.
- Position Equipment:** Place the equipment on a level surface. For riding mowers, ensure the parking brake is engaged.

ADDING ENGINE OIL

- Locate Oil Fill:** Identify the oil fill cap or dipstick on your engine. It is typically marked with an oil can symbol or the word "OIL".
- Remove Cap/Dipstick:** Unscrew and remove the oil fill cap or pull out the dipstick. Wipe the dipstick clean with a cloth.

- 3. Position Funnel:** Insert a clean funnel into the oil fill opening to prevent spills.
- 4. Pour Oil:** Slowly pour the Briggs & Stratton 100005 SAE 30W Engine Oil into the engine. Refer to your engine manual for the exact capacity. It is better to add less and check, rather than overfilling.
- 5. Check Oil Level:** After adding some oil, reinsert the dipstick fully (without screwing it in if it's a push-in type, or screw it in if it's a screw-in type), then remove it to check the oil level. The oil level should be between the "FULL" and "ADD" marks, or within the cross-hatched area.
- 6. Adjust if Necessary:** If the level is low, add small amounts of oil and recheck until the correct level is reached. If overfilled, drain excess oil.
- 7. Secure Cap:** Once the correct level is achieved, securely replace the oil fill cap or dipstick.

ROUTINE OIL MAINTENANCE

Regular oil changes are vital for the health and longevity of your small engine. Dirty or low oil can lead to increased wear and engine damage.

- Check Oil Regularly:** Check the oil level before each use or at least every 5 operating hours.
- Change Oil Annually:** Even with light use, it is recommended to change the engine oil at least once per mowing season or every 50 operating hours, whichever comes first.
- Oil Filter:** If your engine has an oil filter, replace it with every oil change or as recommended by the engine manufacturer.
- Proper Disposal:** Always dispose of used engine oil responsibly at an authorized recycling center. Do not pour it down drains or onto the ground.

TROUBLESHOOTING COMMON ISSUES

- Engine Smoking:** If your engine is smoking, especially white or blue smoke, it could indicate overfilling with oil. Check the oil level and drain any excess. If smoking persists, consult a qualified service technician.
- Low Oil Level Warning:** If your equipment has a low oil sensor or light, stop the engine immediately and check the oil level. Add oil as needed. Continued operation with low oil can cause severe engine damage.
- Oil Appears Dirty Quickly:** It is normal for engine oil to darken with use as it cleans and lubricates the engine. This does not necessarily mean the oil is ineffective, but it does indicate it's performing its function and may be nearing its change interval.

PRODUCT SPECIFICATIONS

| Feature | Detail |
|----------------------|-------------------------------------|
| Brand | Briggs & Stratton |
| Model Number | 100005 |
| Viscosity | SAE 30W |
| Liquid Volume | 18 Fluid Ounces (per bottle) |
| Engine Type | 4-Cycle Small Engine |
| Vehicle Service Type | Lawn Mower, Generator, Small Engine |
| Package Information | Bottle |

WARRANTY AND SUPPORT

Briggs & Stratton engine oil is designed to meet the high standards of Briggs & Stratton engines. For specific warranty information regarding your engine or the oil, please refer to the documentation provided with your engine or contact Briggs & Stratton customer support directly. Using genuine Briggs & Stratton parts and fluids helps maintain your engine's warranty and performance.

For further assistance, visit the official Briggs & Stratton website or contact their customer service department.

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