John Deere M806419 Oil Change Kit

John Deere Original Equipment Oil Change Kit M806419 User Manual

Model: M806419 Oil Change Kit

1. Introduction

This manual provides essential instructions for the proper use, installation, and maintenance of the John Deere Original Equipment Oil Change Kit. This kit is designed to facilitate routine engine oil and filter replacement for compatible John Deere tractor models, ensuring optimal performance and longevity of your equipment. Please read this manual thoroughly before proceeding with any procedures.

2. Kit Components

The John Deere Original Equipment Oil Change Kit includes the following genuine components:

- **(1) John Deere Oil Filter:** Part Number M806419
- **(2) Gallons John Deere Plus-50 II Premium Engine Oil:** SAE 15W-40, Part Number TY26673 (CK-4/SN)



Figure 1: John Deere Original Equipment Oil Change Kit. This image displays the complete kit, including two black gallon containers of John Deere Plus-50 II SAE 15W-40 Premium Engine Oil (TY26673, CK-4/SN) and one yellow and green box containing the John Deere Oil Filter M806419.

3. Compatible Tractor Models

This oil change kit is compatible with the following John Deere tractor models:

- 770, 790, 1070
- 2025R, 2027R, 2032R
- 2520, 2720
- 3005, 3032E, 3033R, 3036E, 3038E
- 3120, 3203, 3320, 3520
- 4105, 4115, 4200, 4210, 4300, 4310, 4400, 4410, 4500, 4510, 4600, 4610, 4700, 4710
- 110TLB, 1445

Always verify compatibility with your specific tractor model's owner's manual before performing maintenance.

4. Safety Information

Observe the following safety precautions when handling engine oil and performing maintenance:

- Always wear appropriate personal protective equipment, including gloves and eye protection.
- Engine oil can be hot. Allow the engine to cool before draining oil.
- Dispose of used oil and filters responsibly according to local regulations. Do not pour used oil onto the ground or into drains.
- Keep new and used oil out of reach of children and pets.
- Avoid prolonged skin contact with used engine oil. Wash hands thoroughly after handling.
- Ensure the tractor is on a level surface, the engine is off, and the parking brake is engaged before starting any work.

5. Oil Change Procedure

Follow these steps to perform an engine oil and filter change:

1. **Preparation:** Park the tractor on a level surface. Engage the parking brake and turn off the engine. Allow the engine to cool for at least 15-30 minutes to prevent burns from hot oil. Gather necessary tools: drain pan, wrench for drain plug and oil filter, funnel, and rags.
2. **Drain Old Oil:** Place the drain pan beneath the engine oil drain plug. Remove the drain plug and allow all the old oil to drain completely. This may take several minutes.
3. **Replace Drain Plug:** Once the oil has drained, clean the drain plug and reinstall it, tightening to the manufacturer's specified torque. Do not overtighten.
4. **Remove Old Oil Filter:** Position the drain pan under the oil filter. Use an oil filter wrench to loosen and remove the old oil filter. Be prepared for some oil to spill.
5. **Prepare New Oil Filter:** Apply a thin film of new engine oil to the rubber gasket of the new M806419 oil filter. This ensures a proper seal.
6. **Install New Oil Filter:** Screw on the new oil filter by hand until the gasket makes contact with the engine block. Then, tighten it an additional 1/2 to 3/4 turn, or as specified in your tractor's owner's manual. Do not overtighten.
7. **Add New Oil:** Locate the engine oil fill cap. Using a funnel, slowly add the new John Deere Plus-50 II SAE 15W-40 engine oil. Refer to your tractor's owner's manual for the exact oil capacity.
8. **Check Oil Level:** After adding the oil, wait a few minutes for the oil to settle. Check the oil level using the dipstick. Add more oil if necessary, ensuring the level is between the "add" and "full" marks.
9. **Start Engine and Inspect:** Start the engine and let it run for a few minutes. Check for any leaks around the drain plug and oil filter. Turn off the engine and re-check the oil level after a few minutes, adding oil if needed.
10. **Dispose of Used Materials:** Properly dispose of the used oil and old oil filter at an authorized recycling center.

6. Maintenance Schedule

Regular oil and filter changes are crucial for engine health. John Deere Plus-50 II Premium Engine Oil is formulated for extended drain intervals, up to 500 hours in John Deere engines, including those with low emission devices. Always consult your specific tractor model's owner's manual for recommended service intervals, as these may vary based on operating conditions and engine type.

7. Troubleshooting

If you encounter issues during or after the oil change, consider the following:

- **Oil Leaks:** Ensure the drain plug and oil filter are tightened to the correct torque. Check for damaged gaskets or threads. If leaks persist, consult a qualified technician.
- **Incorrect Oil Level:** Re-check the oil level on a level surface after the engine has cooled. Add or drain oil as necessary to reach the correct range on the dipstick.
- **Engine Warning Lights:** If an oil pressure warning light illuminates after an oil change, immediately shut off the

engine and investigate. This could indicate a severe issue such as insufficient oil or a faulty filter.

8. Specifications

Component	Specification
Oil Filter Part Number	M806419
Engine Oil Type	John Deere Plus-50 II Premium Engine Oil
Engine Oil Viscosity	SAE 15W-40
Engine Oil Classification	CK-4/SN
Oil Quantity	2 Gallons (approx. 7.56 Liters)
Kit Item Weight	Approximately 18 pounds
Manufacturer	John Deere

9. Warranty and Support

This John Deere Original Equipment Oil Change Kit is a genuine John Deere part. For specific warranty information regarding genuine John Deere parts, please refer to the warranty documentation provided with your original equipment or contact an authorized John Deere dealer. For technical support or further assistance, please contact your local John Deere service center or visit the official John Deere website.

Important: Use of non-genuine parts or improper installation may void your equipment's warranty.