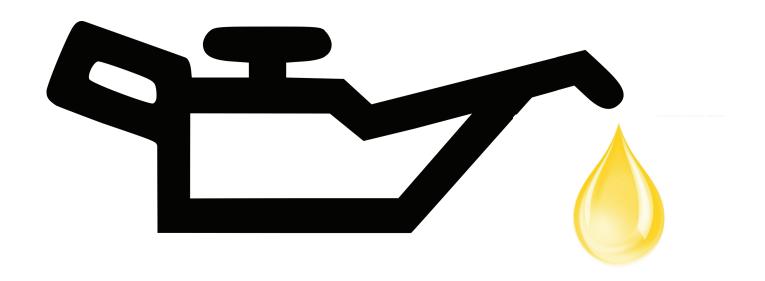


# PavementSaver II & IIIG Replacement Fluid Guide





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# **Replacement Fluids Guide** PavementSaver II & IIIG

**SAE 85W-140** 

Wheel Hubs (3)

Max fill plug on back side of housing *Fill to:* Volume 500cc/17oz

Steering Hub (1) **SAE 85W-140** 

Volume 500cc/17oz Bottom mark on dip stick (do not over fill) *Fill to:* 

**Antifreeze/Coolant 50/50 Engine Coolant** 

Follow Kubota guide for fill instructions *Volume 5L/1.32G Fill to:* 

Kubota Tier 3 Engine **SAE 15W-40** 

*Fill to:* Follow Kubota guide for fill instructions Volume 6.7L/1.77G

Kubota Tier 4 Engine **5W-40** 

Follow Kubota guide for fill instructions *Fill to:* Volume

Hydraulic Tank **ISO 68 Hydraulic Oil** 

Mid way on tank's top sight gauge *Fill to: Volume D400-55 gallons* Volume D500-69 gallons

Fuel Tank **Diesel** 

Full on tank's sight gauge Volume D400-8.0 gallons *Fill to:* 

Volume D500-9.6 gallons



# **ENGINE OIL**



# CAUTION

To avoid personal injury:

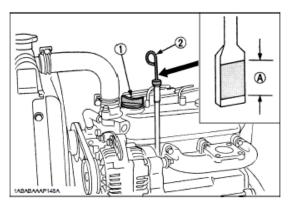
- Be sure to stop the engine before checking and changing the engine oil and the oil filter cartridge.
- Do not touch muffler or exhaust pipes while they are hot; Severe burns could result. Always stop the engine and allow it to cool before conducting inspections, maintenance, or for a cleaning procedure.
- Contact with engine oil can damage your skin. Put on gloves when using engine oil. If you come in contact with engine oil, wash it off immediately.

#### NOTE:

 Be sure to inspect the engine, locating it on a level place. If placed on gradients accurately, oil quantity may not be measured.

## ■Checking oil level and adding engine oil

- 1. Check the engine oil level before starting or more than 5 minutes after stopping the engine.
- Remove the oil level gauge, wipe it clean and reinstall it.
- Take the oil level gauge out again, and check the oil level.



(1) Oil filler plug (2) Oil level gauge

[Lower end of oil level gauge]
(A) Engine oil level within this range is proper.

- If the oil level is too low, remove the oil filler plug, and add new oil to the prescribed level.
- After adding oil, wait more than 5 minutes and check the oil level again. It takes some time for the oil to drain down to the oil pan.

## Engine oil quantity

Model	Quantity
D1005-E3, D1105-E3, D1105-TE3	5.1 L (1.35 U.S. gals.)
D1305-E3	5.7 L (1.51 U.S. gals.)
V1305-E3, V1505-E3	6.0 L (1.59 U.S. gals.)
V1505-TE3	6.7 L (1.77 U.S. gals.)

Oil quantities shown are for standard oil pans.

#### IMPORTANT:

 Engine oil should be MIL-L-2104C or have properties of API classification CF or higher.
 Change the type of engine oil according to the ambient temperature.

above 25°C (77°F)	SAE30 or SAE10W-30 SAE15W-40
-10°C to 25°C (14°F to 77°F)	SAE10W-30 or SAE15W-40
below -10°C (14°F)	SAE10W-30

 When using oil of different brands from the previous one, be sure to drain all the previous oil before adding the new engine oil.



#### 16 PERIODIC SERVICE

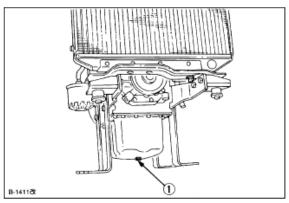
## ■Changing engine oil



# CAUTION

To avoid personal injury:

- Be sure to stop the engine before draining engine oil.
- When draining engine oil, place some container underneath the engine and dispose it according to local regulations.
- Do not drain oil after running the engine. Allow engine to cool down sufficiently.
- Change oil after the initial 50 hours of operation and every 200 hours thereafter.
- Remove the drain plug at the bottom of the engine, and drain all the old oil. Drain oil will drain easier when the oil is warm.



(1) Oil drain plug

Add new engine oil up to the upper limit of the oil level gauge.

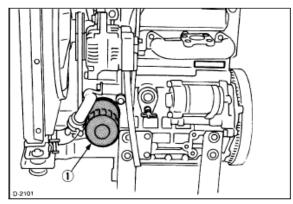
## ■Replacing the oil filter cartridge



# CAUTION

To avoid personal injury:

- Be sure to stop the engine before changing the oil filter cartridge.
- Allow engine to cool down sufficiently, oil can be hot and cause burns.
- Replace the oil filter cartridge after the initial 50 hours of operation and every 200 hours thereafter.
- 2. Remove the old oil filter cartridge with a filter wrench.
- 3. Apply a film of oil to the gasket for the new cartridge.
- Screw in the cartridge by hand. When the gasket contacts the seal surface, tighten the cartridge enough by hand. Because, if you tighten the cartridge with a wrench, it will be tightened too much.



- (1) Oil filter cartridge Remove with a filter wrench (Tighten with your hand)
- After the new cartridge has been replaced, the engine oil level normally decreases a little. Thus, run the engine for a while and check for oil leaks through the seal before checking the engine oil level. Add oil if necessary.

### NOTE:

Wipe off any oil sticking to the machine completely.

