



SERVICE INFORMATION

2-22

POWERSAFE CLUTCH MAINTENANCE

Tractor models 739, 740, 749, 750 with PowerSafe® clutch

For a How-To Video on changing the transmission fluid on a PowerSafe® tractor, click here:

[PowerSafe Transmission Maintenance](#)

or visit www.bcsamerica.com/pages/how-to-videos

After the first 30 hours of use:

- Replace the external filter (B) with OEM filter (p/n 58056208).
- Check the fluid level using the gearbox dipstick (A), top off if necessary.

Weekly:

- Check the fluid level using the gearbox dipstick (A), top off if necessary.

Every 100 hours of use or once per year (whichever occurs first):

- Remove magnetic cap (C) and drain fluid.
- Replace the external filter (B) with OEM filter (p/n 58056208).
- Clean and reinstall magnetic cap (C).
- Refill with a compatible engine oil listed below until the dipstick (A) measures the appropriate level.

Compatible Universal Tractor Hydraulic/Transmission Fluid Specification Options:

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|---------------------------------------|---|
| • VCE-WB 101 | • Case MS 1207, 1210 |
| • CAT TO-2 | • Ford ESN-M2C86-B, ESN M2C86-C, ESN-M2134-D |
| • John Deere JDM J 20C | • FNHA-2-C-201 |
| • MF M1135, M1141, M1143, M1145 | • ZF TE-ML 03E, 06K, 17E |
| • Kubota UDT Fluid | • Universal/Heavy Duty Tractor Hyd/Trans Fluid at Tractor Supply Co, etc. |
| • Case New Holland MAT 3525 | |
| • NAPA Tractor Hyd/Trans Fluid 85-401 | |

For Cold Weather Applications, use either of the following Synthetic Hydro Fluids:

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|-------------------|-------------------------|
| • Amsoil (ATH-05) | • Shell Spirax (S3 TLV) |
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