

**Corporate Headquarters**

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## RotoLoPerm® Fuel Tank Installation Instructions

Evaporative Family –CNTPTANKRLP

Emission-related installation instructions for RotoLoPerm® Fuel Tanks molded by Centro Inc.

**Failing to follow these instructions when installing a RotoLoPerm [CNTPTANKRLP] fuel tank in a piece of non-road equipment violates federal law (40 CFR 1068.105(b)), subject to fines or other penalties as described in the Clean Air Act.**

The following instructions should be followed for the installation of any fuel tank in the evaporative family listed above.

1. RotoLoPerm® permeation testing was performed WITHOUT a fuel cap and certification was obtained using the EPA standard value of 50 g/m<sup>2</sup>/day (for 40C testing) or 30 g/m<sup>2</sup>/day (28C testing). Therefore the following rules must be applied for fuel caps installed on RotoLoPerm tanks in order to remain EPA compliant:
  - o Either, use non-permeable fuel gasket in fuel cap or cover for fuel inlet
  - o Or, use a fuel cap that has been tested according to EPA CFR 1060.521 and proven to have a permeation rate equal to or lower than the EPA standard value.
    - The Kelch Ratchet 225 and 350 both meet this criteria using either Nitrile or FKM gaskets
    - Other suppliers may meet the criteria as well, but the burden of prove lies with the OEM installing the cap
2. Per EPA 40 CFR 1060.103, grommets or seals for smaller openings and other fittings used do not need to be made from non-permeable materials.
3. The RotoLoPerm fuel tank has been labeled with appropriate EPA approved label as follows:
  - o EPA-Centro-RLP

This label will sometimes be obscured from view after the tank is installed. This is acceptable as long as the label is permanent and can be read if a fuel tank were to be removed from and/or replaced on the equipment.
4. Equipment manufacturers must comply with the requirements of 40 CFR Part 1060, specifically the fuel tank design, installation and end-user instructions should take into account the required venting in order to avoid any possibility of liquid fuel reaching the purge port on the engine or the carbon canister (if one is present).
5. Never overfill fuel tank.

If there are questions regarding installation instructions for RotoLoPerm fuel tanks, please contact Centro Incorporated at:

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