



Standard Operation Procedure

ISO TANK LUBE OIL ADDITIVE CLEANING PROCEDURE

1. **DRAIN HEEL:** Do not add water to heel so as to create an emulsion. Segregate for disposal.
2. **PETRO WASH:** Re-circulate heated diesel (up to 130° F) for 10 minutes. *See Notes Below*
3. **DETERGENT WASH:** Wash (via spinner) tank with Caustic / **MAGNUM** solution for 10 minutes. Return all wash fluids to vat.
4. **RINSE & DRY:** Following the wash, rinse tank, place blower hose into tank, and dry.
5. **COOL & INSPECT TANK**

Notes for Petro Washes:

Any of several methods for introducing heated diesel into a tank will work well, because the temperature coupled with minimal impingement power is very effective. A pre-heated diesel vat is available.

For maximum Wash Bay utilization, OFF-BAY - introduce 15 gallons of diesel into the tank. Close dome lid, but do not tighten. Via coils, steam for 6-8 hours. Then turn off steam. Bring tank into wash bay, remove diesel/lube oil mixture. Perform steps 3, 4, and 5 (above).

If there is a steady lube oil business, upon capturing diesel from one tank, while still very warm, introduce it into another tank to be heated off-bay.

Chemical Usages

DIESEL: If the aforementioned procedure is followed, expended diesel can be as little as 5 gallons per tank by getting 3 pre-solves from the original 15 gallons.

JOHN-HENRY MAGNUM: Minimal usage when re-circulated after a pre-solve, especially when all residues are removed from tank. One of the most cost-effective solutions in the industry. Magnum may be added to 2-5% caustic soda to create a “Booster” caustic wash.

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