



Custom FTC Unit Reduces Oil Volume, Eliminates Overheating Issue

Technical Application Bulletin

CHALLENGE

A OEM struggled with chronic overheating on a work truck unit causing constant downtime and sought a solution to 1.) eliminate overheating, 2.) reduce machine weight, and 3.) simplify plumbing required for deaeration.

APPROACH

After evaluating the existing metal tank assembly/plumbing and running simulations to the OEM's specifications, Schroeder Industries developed a custom Filter Tank Cooling (FTC) unit including a rotomolded TNK and cooling system for the OEM.

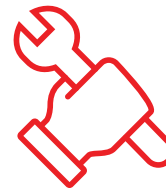
RESULTS

- Overheating-related downtime eliminated
- Reservoir volume reduced from 25 gallons to 7 gallons, conserving weight and space
- FTC provides complete, simplified system with reduced footprint
- Cost savings due to reduced oil volume, faster installation, and reduced plumbing requirements

The FTC unit utilizes a rotomolded TNK, cooling assembly, and Air Fusion Technology (AFT) filtration for a compact, ultra-efficient package ideal for mobile applications and more.



CUSTOMER SEEKING COOLING & WEIGHT-REDUCING SOLUTION



SCHROEDER DEVELOPS CUSTOM FTC UNIT SOLUTION

SYSTEM OVERHEATING & RELATED DOWNTIME ELIMINATED



OIL VOLUME REDUCED BY **18 GAL**

MORE COMPACT, EFFICIENT TANK & COOLING ASSEMBLY

