



Master Fluid

SOLUTIONS®



Mini TOT™ Tramp Oil Terminator™ Portable Centrifuge



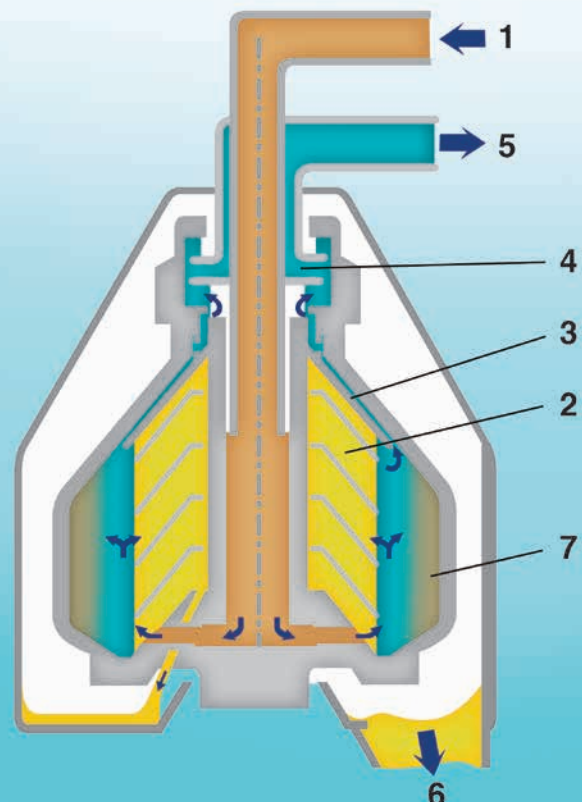


Mini TOT™ Tramp Oil Terminator™ Portable Centrifuge



Mini TOT™ Tramp Oil Terminator™ – the portable centrifuge that removes even the most troublesome tramp oil, yet is easily moved on its mobile platform.

Mini TOT Centrifuge Diagram



CENTRIFUGE OPERATING PRINCIPLES

1. The dirty coolant feed
2. enters the rotating bowl and is separated in the disc stack.
3. The separated and purified coolant (heavy phase) flows over the separating disc
4. and is pressure-discharged by the centripetal pump
5. from the clean coolant discharge.
6. The tramp oil (light phase) discharges freely from the bowl.
7. Separated solids collect in the holding space and must be removed manually.

*Portable Centrifuge
Removes Emulsified
Tramp Oil*

Master Fluid Solutions, pioneers of coolant technology, brings you XYBEX® fluid recycling equipment. Properly maintained coolant can last almost indefinitely, so the right XYBEX system can pay for itself with savings in material costs, disposal costs, and reduced downtime.

The *Mini TOT* is a compact, portable, high-speed centrifuge, tramp oil separator that is perfect for small metalworking plants.

The Mini TOT processes water-miscible coolants and aqueous cleaners, removing free and emulsified tramp oil to produce clean, reusable coolant and cleaners. Removing tramp oil (hydraulic oil, way lubes, or any undesirable oil) from coolant and cleaners eliminates a food source for bacteria, reduces undesirable residues, and reduces smoke and oil mist in the shop atmosphere.

FEATURES

- > compact and portable for machine tool sumps and parts washers
- > simple operation
- > high-speed, disc-bowl centrifuge
- > stainless steel bowl
- > built-in clean fluid centripetal discharge pump
- > easy dismantling of bowl for cleaning
- > quick disconnects on feed and discharge
- > strainer and 50-micron cleanable prefilter
- > air pump and floating skimmer for feed
- > automatic shut-off when tramp oil collection tank is full

BENEFITS

- > extended life of coolants and cleaners
- > improved machining
- > longer tool life

SPECIFICATIONS AND UTILITIES

Dimension: 850 mm x 570 mm x 1000 mm
 Flow rate: 2-4 GPM (7.6-16 lpm) – depending on fluid type and condition
 Temperature: up to 200°F (93°C)
 pH range: 5-14 pH
 Air: 100 psi max
 Weight: 165 Kg

Centrifuge bowl

Speed: 10,000 RPM
 G-force: 6,500 G
 Volume: 0.32 gal (1.2 liter)
 Solid holding space: 0.19 gal (0.75 liter)

Motor, 3-phase AC

Power: 1.1 kW (1.5 hp)
 Speed: 3,000/3,600 RPM
 Voltage: 220/440 volt
 Frequency: 50/60 Hz
 Current: 5.0/2.5 A



Contact us

Let Master Fluid Solutions create a detailed, fact-based, customized analysis to prove just how much we can save your operation in time, material, and cost, while improving quality with the optimal fluid or fluid management solutions that are just right for your production.

For prices or additional information, contact your Master Fluid Solutions Representative.



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Specifications may change without notice in the interest of product improvements.

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