

TRAMP OIL TERMINATOR™

PORTABLE CENTRIFUGE
REMOVES EMULSIFIED
TRAMP OIL



FLUID RECYCLING EQUIPMENT

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Master Chemical, 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 **Tramp Oil Terminator™** is a compact, portable, high-speed centrifuge, tramp oil separator that is perfect for small metalworking plants.

The Tramp Oil Terminator (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 removes 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

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

OPTIONS

- > electric feed pump
- > high-temp pump for parts washer applications above 150°F (66°C)
- > 120/220 volt, single phase 50/60 Hz
- > 575 volt 3-phase
- > can be supplied with process tanks or a XYBEX system
- > can be customized to customer specifications

SPECIFICATIONS AND UTILITIES

Dimension: 31½" l x 28" w x 51½" h
(800mm x 711mm x 1308mm)

Flow rate: 1-2 GPM (3.8-7.6 LPM)
(depending on fluid type and condition)

Temperature: up to 200°F (93°C)

pH range: 5-14 pH

Air: 100 psi max

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

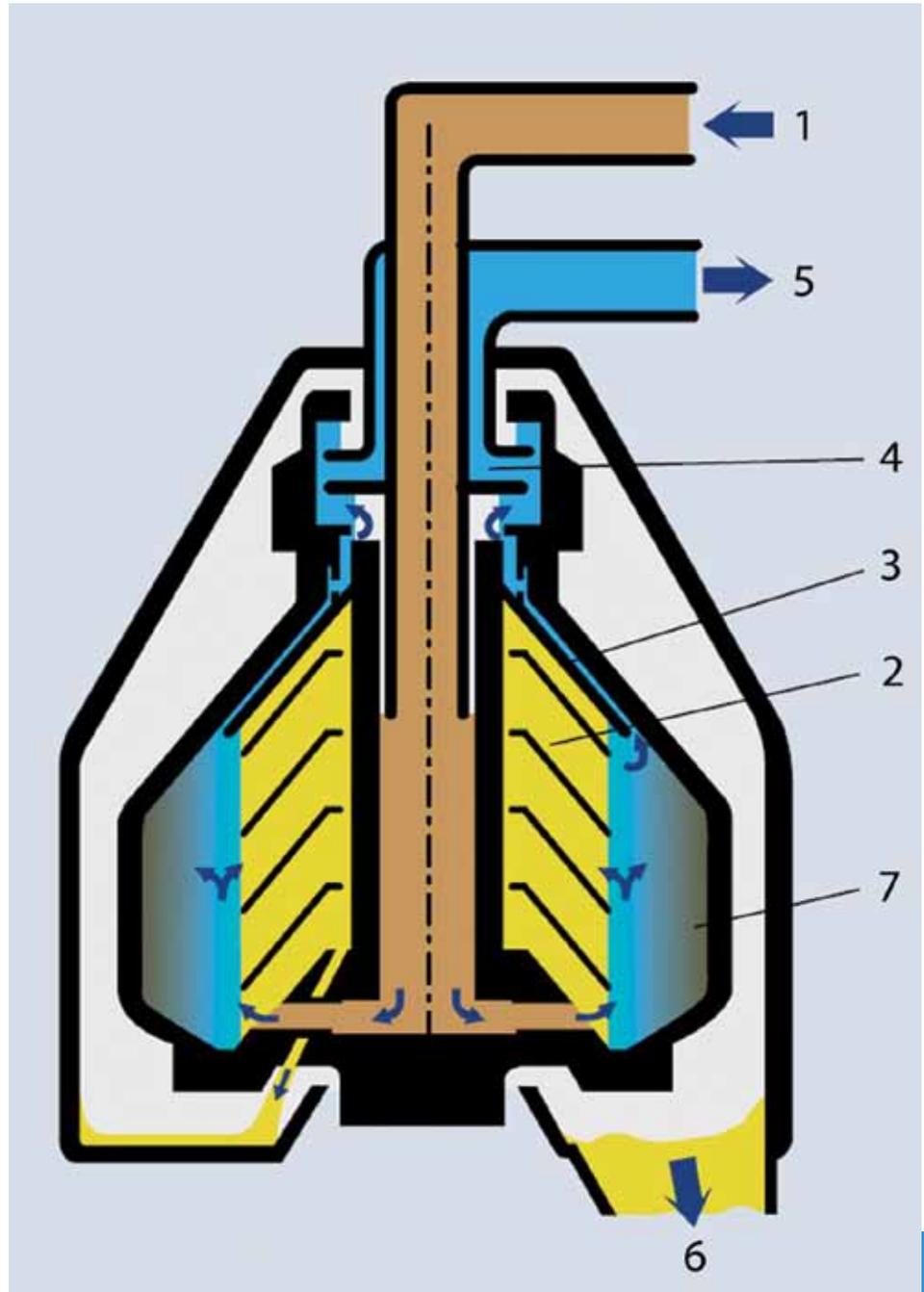
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CENTRIFUGE OPERATING PRINCIPLES

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.



Committed Today for a Greener Tomorrow

Our corporation is committed to sustaining our natural resources, protecting our environment, and leaving a smaller footprint on the places we all call home. As a manufacturer of fluids and fluid recycling equipment, we are committed to promoting conservation in manufacturing and helping customers maximize productivity while minimizing waste. Just visit masterchemical.com and click on "Green Policy" to learn more about our commitment to environmental stewardship.



Cutting and Grinding Fluids that Lead the Industry

Master Chemical has been recognized for more than 60 years for its TRIM® family of metalworking fluids for all types of cutting and grinding operations. Known worldwide for superior performance, TRIM meets the demands of specialized industries such as automotive, aerospace, and medical parts manufacturers. For the full range of cutting and grinding applications for synthetics, semisynthetics, and soluble oils, TRIM products deliver longer tool and sump life, better finished parts, and a better bottom line.



CUTTING & GRINDING FLUIDS



CLEAN • COAT • PROTECT

Master STAGES: Products to Clean, Coat, and Protect

Master STAGES™ surface treatments include cleaners and corrosion inhibitors to keep you environmentally compliant, up and running at peak performance, and more profitable.

Have health and safety issues? High disposal costs? Need to prevent rust or clean lubricant from parts? Whatever your production problems and concerns, we have a performance-proven product sure to make the difference. The Master STAGES difference—the right solution for the job at the right price.

For prices or additional information on special units or special applications, contact your Master Chemical Corporation Distributor:



FLUID RECYCLING EQUIPMENT

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