

TRAMP OIL TERMINATOR™



*portable centrifuge
unit for removing
emulsified tramp oils*



master CHEMICAL CORPORATION
SYSTEMS EQUIPMENT DIVISION

Products Increasing Productivity

TRAMP OIL TERMINATOR™

portable centrifuge unit for removing emulsified tramp oils

The Tramp Oil Terminator™ was developed by Master Chemical Corporation (the originators of coolant recycling) to meet the need of the small metalworking plant for a compact, portable, high-speed centrifuge, tramp oil separator. The Tramp Oil Terminator™ will process both water-miscible coolants and aqueous cleaners to remove free and emulsified tramp oils, providing clean and reusable coolants and cleaners. Removing tramp oils (hydraulic oils, way lubes or any undesirable oil) from coolants and cleaners removes a food source for bacteria, reduces undesirable residues, and reduces smoke and oil mist in the shop atmosphere.

BENEFITS:

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

FEATURES:

- compact and portable for machine tool sumps and parts washers
- simple operation
- high-speed, disc-bowl centrifuge
- stainless-steel hood and 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

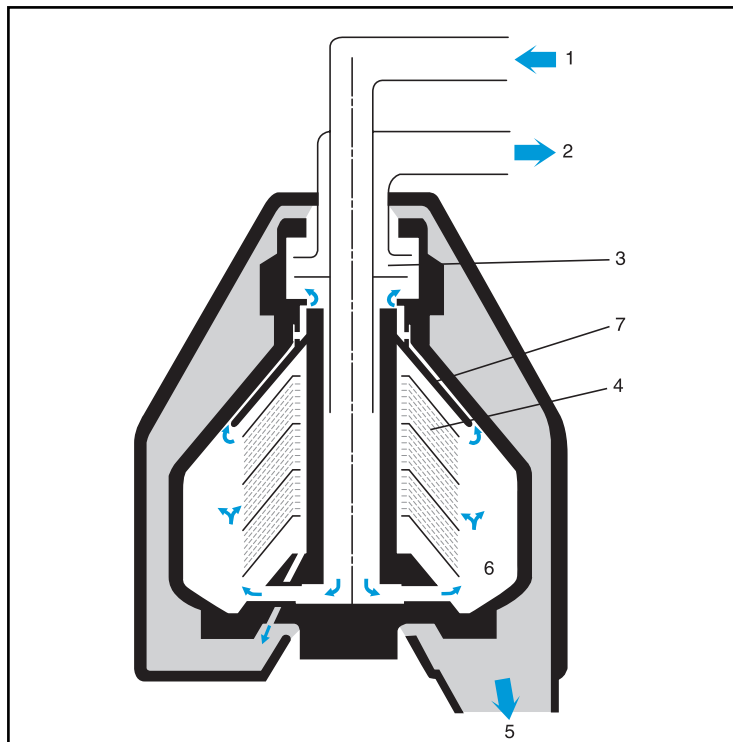
TECHNICAL DATA:

CAPACITY

- Flow rate 1 – 2.5 gpm
(depending on fluid type and condition)
- Temperature range up to 200°F
- pH range 5 – 14

CENTRIFUGE BOWL

- Speed 10,000 rpm
- G-force 6,500 g's
- Volume 1.0 liter (0.26 gal)
- Solids holding space 0.5 liter (0.13 gal)



CENTRIFUGE OPERATING PRINCIPALS

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

MOTOR, 3 PHASE AC

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

Air requirements: 100 psi max.

Dimensions (l x w x h):
40-5/8" x 24-7/8" x 51-1/2"

OPTIONAL:

- High temp pump for parts washer applications above 150°F
- 120 volt, single phase
- Can be supplied with process tanks or a XYBEX® system

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



master chemical corporation

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