

# Machine Tool Coolant Recycling

## GS-200



The Hilliard Corporation has manufactured oil filter vessels, oil filter and coalescer cartridges, and oil reclaimers since 1925. Hilliard has now put this experience to work in the design and manufacture of a family of machine tool coolant recyclers. This family of products helps you with the ever-growing problems associated with the management of your machine tool coolants.

### GS-200 Benefits

- Highly Efficient Oil Removal
- Does Not Affect the Coolant Chemistry
- Reduces Coolant Purchases and Disposal Costs
- On-Line Operation
- Improved Parts Finish
- Extends Tool Life
- Reduces Coolant Fouling and Odors
- Simple to Operate
- Portable

**Purpose:** To recycle dirty, tramp oil laden, water-base machine tool coolants by the removal of metal fines and other particulate matter as well as tramp oil resulting from waylube, lubricators, and hydraulic leaks.

**Application:** All machining operations that use water-based coolants.



**Description of Operation:** The GS-200 gear rotor pump pulls dirty, tramp oil laden coolant through a 10-micron prefilter to remove metal fines and other particulate matter. The filtered coolant is pushed by the pump through a synthetic coalescing cartridge to concentrate and release the free, unemulsified tramp oil and allow it to float to the top of the coalescing vessel. The clear, oil-free coolant returns to the sump. The tramp oil collected in the top of the coalescer vessel can be drained through a hand valve under pressure to a disposal vessel.

# The HILLIARD CORPORATION

## GS-200 SPECIFICATIONS

### STANDARD EQUIPMENT:

Filter Vessel	Skimmer
Pump	Wheels
Gages	Cabinet
Power Cord	Start-up Cartridges

**HOSES:** Diameter: 3/4" Inlet, 1/2" Outlet  
Length: 10'

**PUMP:** 2 GPM Gear Type

**FILTER  
CARTRIDGE:** PH511-10-C (Qty. of 2)

**COALESCER:** 518 Depth-Type Synthetic

**FLOW:** Filter Vessel - Vacuum  
Coalescer Vessel - Pressurized

**POWER:** 110 Volt, 60 Hz.

**PAINT:** Standard Hilliard Gray

**DIMENSIONS:** Height: 47"  
Width: 16"  
Length: 20"

**WEIGHT:** Wet: 200 lbs.  
Dry: 175 lbs.  
Shipping: 210 lbs.

**SKIMMER:** Standard Full Flow Hilliard Skimmer

A Model GS-600 is available with a 6-GPM pump. Consult factory for details.

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