

# APPLICATION PROFILE – OIL RECOVERY IN STAINLESS STEEL

**INDUSTRY:** Pumps & Valves (Fittings)

**MATERIAL(S):** Stainless Steel

**APPLICATION:** Threading; Turning

**PRODUCT(S):** Chip Processing System

## SITUATION

Swagelok had an existing chip processing system that required high maintenance and significant operator intervention. They wanted a new chip processing system to help recover oil from their fittings manufacturing operations.

## MAYFRAN SOLUTION

Automated Chip Processing System including a TD-5000 wringer and VC-1200 Crusher, with cart dumper and tramp metal separator, to handle chip loads of up to 3,000 pounds per hour.

## CUSTOMER BENEFITS

- Completely automated, requiring minimal operator attention (set and forget)
- Recovers 1250 gallons of oil / week
- Swagelok saves ~\$12K / week through oil recovery
- ~1.5 man-years of labor has been freed up for other duties

## OUTCOME

Due to the rapid ROI, Swagelok plans to work with Mayfran when other systems need updated.

