

Hysol® MB 50 replaces competitor coolant to reduce usage by 50%

Situation

A US rifle and handgun manufacturer with 24/7 operations was experiencing short sump life and operator complaints of odor and skin irritation. Machinery residues were occurring and the shop had cleanliness issues. As the customer prepared to move into a new facility, they sought a solution to their fluid related issues.

Solution

After a thorough plant survey, the Castrol® team discovered the customer had poor housekeeping practices, no tramp oil removal, and inconsistent concentration controls. Hysol® MB 50 was recommended as a more forgiving metalworking fluid that, when combined with implementation of a formal fluid management program, would help them to maximize fluid performance while minimizing fluid costs.

Outcome

After converting to Hysol MB 50, the manufacturer lower TCO (total cost of ownership). Castrol implemented proper coolant management practices resulting in a decrease of usage and disposal by 50%. Operator morale improved greatly as odors and residues were eliminated.



Savings

- Reduced current coolant usage (350-400 gallons/month) by 50%
- Eliminated pump-outs and costly downtime (savings of 4 hours per week at \$100 per hour)
- Improved fluid management practices and delivery methods
- Improved operator morale and facility cleanliness