

METALS (USA)

CONTINUOUS CASTERS

Castrol Anvol® SWX 68*

ANNUAL SAVINGS: \$36,000



THE SITUATION

Continuous casting hydraulic systems require a high-performance fire-resistant hydraulic fluid.

A major steel manufacturer was using a competitive fire-resistant fluid for their hydraulic systems. This fluid was in continuous contact with the caster water system and had to be treated by waste treatment to remove the oil from the water system. This particular oil is a polyglycol which does not readily separate from water.

BEFORE CASTROL

- Polyglycol fluid with poor water separation
- High polymer usage in waste treatment
- \$9,000 per month polymer usage, for total annual cost of \$108,000

AFTER CASTROL

- Polyol ester fluid with excellent water separation
- Reduced polymer usage to waste treat Castrol Anvol SWX
- \$6,000 per month polymer usage, for total annual cost of \$72,000 (**\$36,000 savings**)

THE SOLUTION

- After a full evaluation of the application and working closely with the waste water treatment provider, the recommendation was made to use the high-performance Castrol Anvol SWX.
- The volume of hydraulic fluid used was the same during the trial period.
- By requiring fewer chemicals to treat the waste water, Castrol Anvol SWX improved environmental performance.

- Right lubricant for the right application
- Superior technology
- Experienced engineering services

*Formerly known as Anvol SWX 68 FM

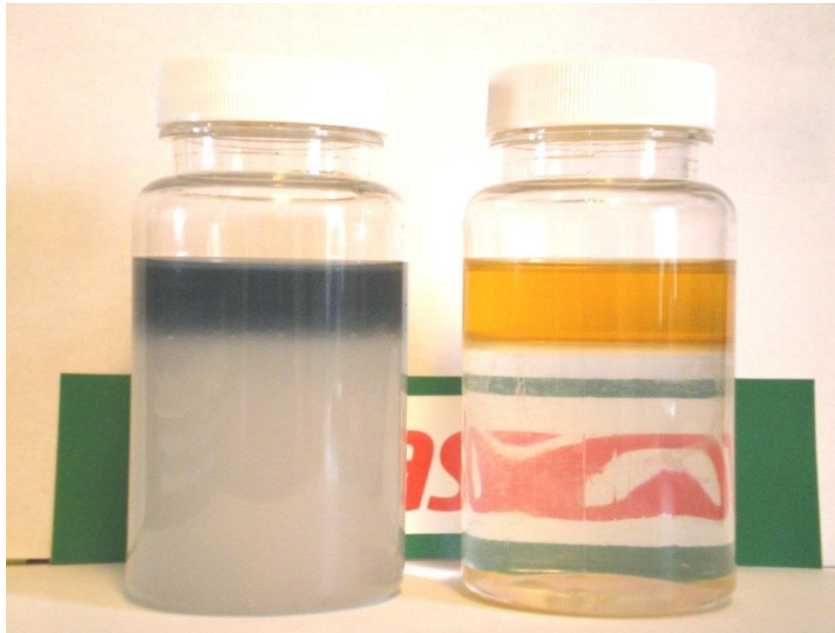
RECOMMENDATIONS

Castrol Anvol SWX is able to handle the very harsh working conditions of caster hydraulic systems while still reducing the overall waste treatment costs.

CONCLUSION

- Waste treatment costs reduced by \$36,000
- Positive impact on environment by reducing waste

***Improved
water
compatibility
with Castrol
Anvol SWX!***



Competitor
Poor separation

Castrol Anvol SWX
Full separation



OTHER POTENTIAL APPLICATIONS

Castrol Anvol SWX is ideal for any area of steel production where a fire-resistant hydraulic fluid is required. The application of Castrol Anvol SWX will significantly increase equipment life and provide overall trouble-free operations.

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