

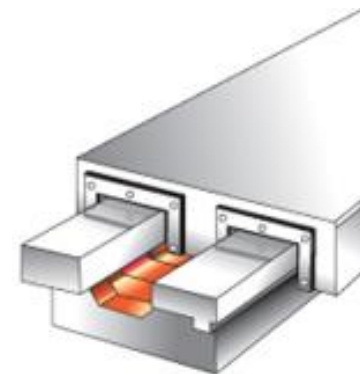
Magna SW D 68 Reduces Oil Usage

MACHINERY MANUFACTURING (USA)

PUMP MACHINING – SLIDEWAYS

Castrol Magna® SW D 68*

ANNUAL SAVINGS: \$7,064



THE SITUATION

A major, industrial equipment manufacturer was looking for potential ways to reduce their overall spend. The customer was utilizing a competitor's slideway oil which was contaminating their full-synthetic metalworking fluid. They had been experiencing elevated fluid usage and poor coolant sump life.

BEFORE

- Company M slideway oil with no tackifier noticeable
- Elevated usage
- Tramp oil entrainment into metalworking fluid
- Poor coolant sump life

AFTER

- Converted to Castrol Magna SW D 68
- Increased adhesion to slideways
- Reduced lube usage
- Improved coolant life

THE SOLUTION

- Magna SW D 68 was recommended as the replacement for their slideway lubricant.
- With increased tackifier over the competitor's oil, wash-off was minimized and coolant contamination was reduced.
- This resulted in reduced way oil output per lube cycle, extended coolant life, increased machine uptime and reduced waste disposal costs from extended PM intervals.

Other savings being tracked:

- Extended coolant sump life
- Reduced machine PMs
- Less fluid waste

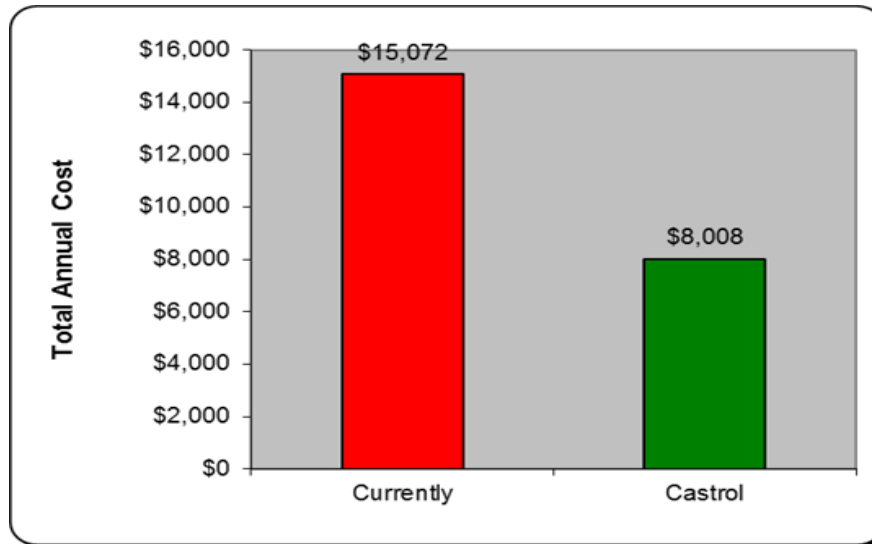
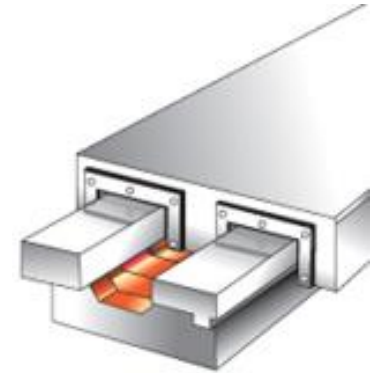
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RECOMMENDATIONS

The proposal was made to convert the operations to a proven product that had provided other customers similar improvements. The primary goal was to reduce the customer's total cost.

CONCLUSION

With the use of Magna SW D 68, the customer was able to reduce their waylube usage, due to improved tackiness. Coolant sump life and usage was also improved due to improved demulsibility properties of the new slidaway lubricant.



OTHER POTENTIAL APPLICATIONS

Magna SW D series is designed for the lubrication of slideways on machine tools. These fluids are fortified with selected oiliness & extreme pressure additives in addition to a special material to impart tackiness and adhesiveness.

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