

Magna® SW D 68 Reduces Oil Usage

Situation

A major US industrial equipment manufacturer was looking for recommendations to reduce their overall operating 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.

Solution

Castrol® Magna® SW D 68 was recommended as a slideway lubricant replacement. Compared with the existing competitor oil, the Magna SW D's increased tackifier helped to minimize wash-off and coolant contamination was reduced. This resulted in reduced way oil output per lube cycle which extended coolant life and increased machine uptime. At the same time, waste disposal was reduced and preventive maintenance intervals extended.

Outcome

The Magna SW D 68 slideway oil demonstrated increased adhesion to the slideways, resulting in better lubrication and reduced usage. There was a noticeable reduction in tramp oil entrainment into the metalworking fluid and therefore, the coolant sump life increased.



Savings

- Extended coolant sump life
- Reduced lubricant usage
- Reduced issues and extended machine preventive maintenance intervals
- Lowered fluid waste