



## Case History

# Castrol Hysol® 6519\*

<b>Account:</b>	Heavy equipment manufacturer
<b>Customer Need:</b>	Clean-running semi-synthetic for all metals
<b>Previous Product:</b>	Semi-synthetic with high foam and rust

This manufacturer is drilling, milling and grinding fuel housings, cranks and gears from aluminum, brass, steel and cast iron.

A 5 - 8% concentration of the previous coolant was used for one year. It was clean running and operators liked working with it. This fluid was capable of machining a variety of materials and it provided satisfactory lubricity. Unfortunately, the manufacturer experienced poor foam control, frequent biological problems and sporadic corrosion.

Individual machine sumps ranging in size from 100 - 300 gallons, as well as a 15,000 gallon central system, are charged with a 4 - 8% concentration of **Castrol Hysol® 6519** in 10-28 grain water. **Castrol Hysol® 6519** is applied by flood and sometimes filtered, depending on the individual machine.

The bio-resistance of **Castrol Hysol® 6519** has extended sump life. Accordingly, dumping and recharging has decreased by 25%. The longevity of **Castrol Hysol® 6519** has also reduced product usage by 35%. Furthermore, since **Castrol Hysol® 6519** performs well in both individual sumps and central systems, this manufacturer was able to consolidate the number of fluids used throughout the facility.

\* Formerly known as Clearedge 6519