



## Case History

# Castrol Hysol® 6519\*

<b>Account:</b>	Manufacturer of hydraulic platform man lifts
<b>Customer Need:</b>	Pipe tapping
<b>Previous Product:</b>	Coolant recommended by washer OEM

This manufacturer is using CNC and manual machines with carbide tooling to machine various parts from C1018 and C1045 steel, and T4 and T6 aluminum.

The previous coolant was recommended by the manufacturer of the in-house washer system. Though this fluid was readily removed from parts during cleaning (as promised by the washer manufacturer), it was not successful at tapping aluminum pipe. Furthermore, rancidity plagued the system.

**Castrol Hysol® 6519** is charged at 5% in city water in the various individual machine sumps. It is applied by flood and filtered on two of the sumps with an oil skimmer.

**Castrol Hysol® 6519** eliminates the recurring rancidity problem to increase sump life. **Castrol Hysol® 6519** performs all machining operations perfectly. The manufacturer is especially pleased with the success of the tapping operation. **Castrol Hysol® 6519** provides the desired performance without interfering with the washer's capabilities. The washer easily removes **Castrol Hysol® 6519** from the machined parts. Although no savings have been calculated, the shop supervisor claims many operators have stated that **Castrol Hysol® 6519** is the best coolant ever used in the plant.

\* Formerly known as Clearedge 6519