

Customer Testimonial



Multilec® Industrial Oil (6803)

Metal Fabrication Company – Central California

Murata CNC Machine

- Reduced operating temperatures by 60° F (34°C)
- Reduced oil consumption, saving \$12,167 in one year
- Protected solenoid valve, preventing significant downtime and replacement cost

Customer Profile

This metal fabrication company, located in Central California, services the United States and Canada West of the Rockies.

Application

A Murata CNC Machine model V5000 is used to stamp holes and slots in sheet metal at predetermined points.

Challenge

Temperature shutoff is at 190°F (88°C). During summer months, and even some winters, they were experiencing two to three shutoffs per day. In addition, the main solenoid valve wasn't operating properly. A solenoid valve replacement costs \$65,000 and causes an 18-week delay. The CNC machine also leaked badly, requiring as much as 20 gallons of make-up oil per week. Justin Oakley, maintenance coordinator, wanted to reduce oil consumption.

LE Solution

The local LE lubrication consultant, recommended Multilec® Industrial Oil (6803), which is a multifunctional, heavy-duty R & O inhibited and anti-wear oil for air compressors, bearings, pumps, gearboxes and other applications. It contains Monolec®, one of LE's exclusive wear-reducing additives.

Results

After converting to Multilec 6803 for 24 hours, the solenoid valve began to operate properly, all but one seal stopped leaking, and temperatures were reduced by 60°F (34°C). For the past two years, a total of only five gallons of make-up oil were used.

Multilec 6803 saved \$12,167 in oil costs, saved the existing solenoid valve, a savings of \$65,000, for a total of \$77,167 in a one-year period.



Justin Oakley said, "Besides superior lubricants, LE has provided 24/7 technical advice on machinery lubrication practices and reliability solutions. We could not get that from any other lubrication vendor. LE saves us money and increases uptime."

Other Products Used

- Almaplex® Industrial Lubricant (1275) – electric forklift
- Monolec® Extend EM Grease (1282) – brake presses
- Duolec® Vari-Purpose Gear Lubricant (1604 & 1606) – pipe mills
- Monolec® Way Lubricant (6315) – CNC machines
- Multilec® Industrial Oil (6802) – electric forklift
- Monolec® Power Fluid (7500) – brake presses
- LEAPSM oil analysis
- Des-Case® breathers
- Esco oil sight glasses
- AMS Filtration
- Oil Safe®
- Label Safe™

Thank you to Justin Oakley, maintenance coordinator, and to the local LE lubrication consultant, for providing the information used in this report.



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Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

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