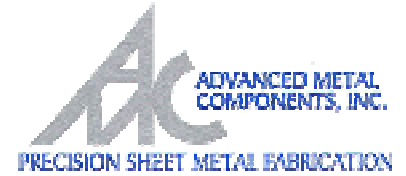


6110/6120 MONOLEC® HYDRAULIC OIL

ADVANCED METAL COMPONENTS, Swainsboro, GA

Amada 50, 125, 357, 367 Turret and Press Brakes • SIC 3599 Industrial Machinery

- **Extended oil drain intervals from 1 year to 7 years**
- **Reduced waste oil from 1,925 gallons to 275 gallons**
- **No pumps or valves lost in 7 years**
- **Saved \$3,100.00 in lubrication cost**
- **Estimated amperage reduction of 15% x 7 years = \$43,000 in electrical savings**



CUSTOMER PROFILE

Advanced Metal Components is located in Swainsboro, Georgia. They are a precision sheet metal job shop, experts in custom fabrication and finishing. They manufacture and ship their precision parts world wide. They have been an LE customer since 1998.

APPLICATION

Advanced Metal Components use Amada presses to manufacture the metal box housings for Ingersol Rand's screw compressors.

AREA OF INTEREST

Maintenance Manager Tim Waters wanted to increase his oil drain intervals and reduce his yearly downtime due to changing oil in his Amada presses. Each winter the plant would have to shut down and drain all the hydraulic reservoirs in each Amada press. He also wanted to reduce his pump and valve replacement.

LE SOLUTION

Late in 1997, 6110 and 6120 MONOLEC® Hydraulic Oil was introduced and

recommended for the Amada presses. LE's 6110/6120 series MONOLEC® Hydraulic Oil reduces heat and amperage because of it's base oils and strong additive package containing MONOLEC®. LE's 6110 and 6120's long history of safely extending oil drain intervals, reducing wear and amperage reduction was why Tim Waters agreed to try it in his Amada presses.

CUSTOMER COST SAVINGS

Lubrication Engineers Oil Analysis Program (LEAP) was used to monitor the oil on the Amada presses. Over the seven-year period, LEAP samples were taken to monitor the condition of the oil. Each time the samples were taken, Tim realized he could safely continue using the oil. He didn't lose any pumps or valves except in one system, in which he used commercial grade oil because of warranty requirements. No pumps or valves were lost while using 6110 or 6120 MONOLEC® Hydraulic Oil. In addition, Tim didn't have to worry about waste disposal or the downtime it took to drain each system every year.

We would like to thank Maintenance Manager Tim Waters, Director of Facility Engineering George Smith, and LE Consultant Mark Jones (pictured) for providing the information to prepare this report.



Based on actual user experience. Individual results may vary. Product used not intended to supersede manufacturer's specifications.

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Leaders in Lubricants 

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