

# Customer Testimonial



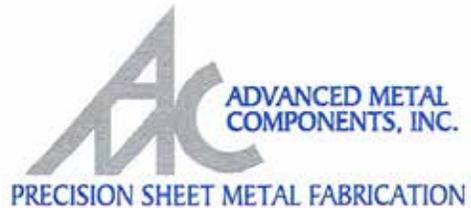
## Monolec® Hydraulic Oil (6110 & 6120)

**Advanced Metal Components – Swainsboro, Ga.**

**Amada 50, 125, 357, 367 Turret and Press Brakes**

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- Extended oil drain intervals
- Reduced waste oil from 1,925 gallons to 275 gallons
- Eliminated pump and valve replacements



### 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.

### Challenge

Tim Waters, maintenance manager, 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, Monolec® Hydraulic Oil (6110 & 6120) was introduced and recommended for the Amada presses. Monolec 6110 & 6120 reduce heat and amperage

because of its base oils and strong additive package containing Monolec®. Monolec 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.

### Results

Lubrication Engineers Oil Analysis Program (LEAP<sup>SM</sup>) 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 Monolec 6110 or 6120. In addition, Tim didn't have to worry about waste disposal or the downtime it took to drain each system every year.

*Thank you to Tim Waters, maintenance manager, George Smith, director of facility engineering, and to Mark Jones, LE lubrication consultant (pictured), 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.

SIC 3599  
LI70555 03-07

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