

**6520 MONOLEC® HYDRAULIC OIL
4933 ALL PURPOSE HYDRAULIC OIL**

ITW/REDDI-PAC, INC.

SIC 2631 Paperboard Mill

**Downtime Lowered Significantly
Leaks Eliminated**

**Equipment running Smoother & Cooler
Longer Pump Life**

CUSTOMER TESTIMONIAL

CUSTOMER PROFILE

ITW/Reddi-Pac, Inc. has been in business for many years with locations throughout the world, including one in Monroe, Louisiana. At the Monroe location they manufacture specially laminated crate packaging, used for shipping various commercial products.

APPLICATION

Special proprietary hydraulic machines measure and cut the laminated crates to the desired length from customer's specifications. These hydraulic cutters and measuring machines must have exacting power with no fluctuations in pressure.

AREA OF INTEREST

Mike Morton, Engineering Supervisor, wanted a better oil that would eliminate the erratic fluctuations (up to 300 psi on this 1500 psi hydraulic cutter system). The fluctuations were caused by the previously used commercial grade hydraulic oils. Leaks

were also a common everyday problem. The pump temperature increased considerably as the fluctuations would increase.

LE SOLUTION

Mike Morton knew there was a better way and decided to convert the hydraulic systems to LE Lubricants. The first step was to install LE's 4933 All Purpose Hydraulic Oil in order to prove the quality of LE's base oil and to show the ability to help reduce the leaks. The next step was to use LE's 6520 MONOLEC® Hydraulic Oil at the first oil change interval.

CUSTOMER COST SAVINGS

Within a short period of time, the erratic pressure fluctuations were eliminated, thus providing even cuts and measurements in this application. The downtime was lowered significantly, leaks were eliminated, and the equipment is running much smoother and cooler than with the previously used commercial grade oil. Pumps are lasting much longer with less erratic behavior.

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

**LUBRICATION
ENGINEERS, Inc.**

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LE's 6520 MONOLEC® Hydraulic Oil is also providing up to 10,000 strokes per eight-hour shift with no gumming and no detrimental effects. This is up 25% when compared to the previous commercial grade oil. This has allowed a dramatic increase in production.

OTHER LUBRICANTS USED

ITW/Reddi-Pac also uses LE's 9102 SYNTEMP® Synthetic Lubricant on specially made conveyor chains at this location. Other commercial lubricants and sprays left a messy oil or grease 'slick' under the chains showing that these lubricants did not stay on adequately and were slung off over time. In addition, equipment noises and squeals meant there was a constant lubrication problem from the previous oil not lubricating the chains. 9102 SYNTEMP was recommended to solve this problem. LE's 9102 keeps the floors clean, the equipment lubricated, and has eliminated the noise, which was previously due to underlubrication.



Hydraulic pumps and hoses run cooler and with no leaks while using LE's 6520 MONOLEC® Hydraulic Oil (SAE 5W-20).



We wish to thank Mike Morton, ITW/Reddi-Pac's Engineering Supervisor, and LE Sales Representative, Jesse Carter (pictured), for providing the information to prepare this report.