6414 LOW TOX® TURBINE OIL
8430 MONOLEC® GFS ENGINE OIL
1888 MILLS, Griffin, GA

Sulzer Ruti Projectile Weaving • SIC 2211—Broadwover Fabric Mills, Cotton

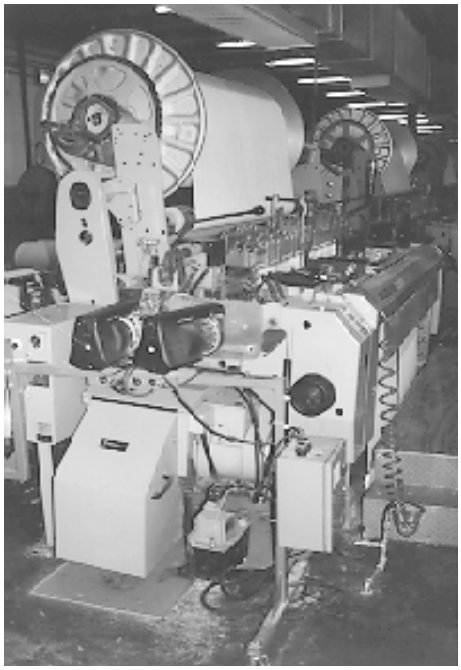
CUSTOMER TESTIMONIAL

CUSTOMER PROFILE

1888 Mills is located in Griffin, GA. They are a manufacturer of high quality towels with a niche market such as golf towels and some institutional products. They have been an LE customer since March, 1997.

APPLICATION

1888 Mills has a variety of machines throughout their plant. Their main pieces of equipment are Sulzer Ruti Projectile Weaving Machines, Models P7100. They are designed to weave high quality terry towels, hand towels and wash cloths. The average loom speed of these machines is 390 picks per minute.



Sulzer Ruti P7100 weaving machine at 1888 Mills.

AREA OF INTEREST

When these Sulzer Ruti machines were first bought by 1888 Mills, they were filled with a factory fill product.

Chip Courtois, having had experience with these units at another location, knew that a formation of carbon deposits and shortened oil life could occur if these machines were not switched to LE Products. Therefore, he called LE Representative Blake Yates to recommend the lubricants needed.

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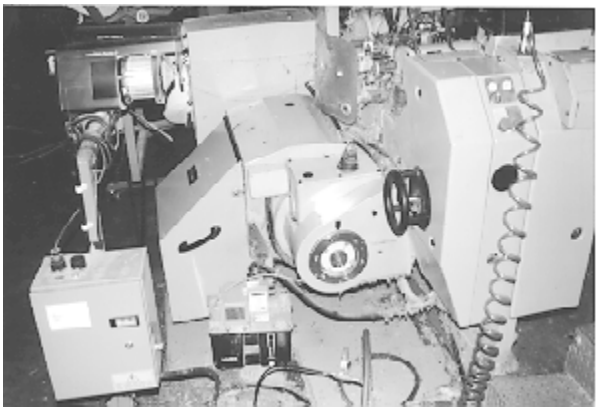
Chip Courtois, Weave Room Manager, taking temperatures of the lower picking house with an infrared temperature gun.



View of the automatic lubrication system as well as the Staubli Daubi oil reservoir.

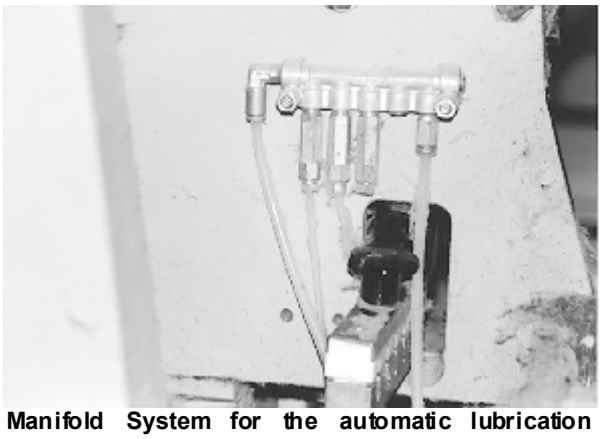
LE SOLUTION

Blake Yates recommended LE's 8430 MONOLEC GFS Engine Oil for the lower picking house reservoir. He then recommended LE's 6414 LOW TOX Turbine Oil to be put in the automatic lubrication system that lubricates the projectiles, conveyor chains, picking gears, take-up, picking locks and Terry cam bevel gears. LE's 6414 was selected to address the non-staining requirements and provide excellent washability of the oil from the cloth.

LE's 8430 MONOLEC GFS Engine Oil is formulated for heavy-duty service. It is made from select paraffinic base oils and contains MONOLEC, LE's exclusive wear-reducing additive. LE 8430 resists the high temperatures generated in the picking mechanism. The excellent detergent action keeps it clean and free of carbon deposits.

LE's 6414 LOW TOX Turbine Oil is a low toxicity turbine oil designed with advanced product technology that exceeds the performance of premium turbine oils, yet affords low eco-toxicity to address environmental concerns. It has a low order of toxicity compared to standard commercial turbine oils and biodegradable turbine oils. LE's 6414 provides non-staining lubrication with excellent washability from the fabric.

Weave Room Technician preparing a Sulzer Ruti weaving machine for style change.



Manifold System for the automatic lubrication system providing lubricant to the projectile and other lube points.

CUSTOMER COST SAVINGS

1888 Mills' equipment has experienced excellent protection with LE's 8430 MONOLEC GFS Engine Oil and 6414 LOW TOX Turbine Oil. Based upon Chip Courtois' previous experience with LE's 8430, parts life for the picking house reservoir is expected to be at least eight years! Through periodic checks, the internal parts show NO signs of carbon deposits with LE's 8430. Chip's previous employer had logged nine years using LE with **NO** oil brake failures in the lower picking house units.

LE's 6414 has virtually eliminated oil stains on the cloth being made, even when the weaving machines are over lubricated. Also, LE's 6414 doesn't collect as much lint as most other oils. ***1888 Mills' estimates that they have saved over $3,000 in parts replacement per unit. They also have saved an unestimated amount on labor costs, because each failure would take up to eight hours of service.***

OTHER PRODUCTS USED

1888 Mills is a 100% LE user for the weave room. They are very pleased with the performance they have received and money they have saved by using LE's Products.

Blake Yates

We wish to thank Chip Courtois, Weave Room Department Manager and LE Representative Blake Yates for the information provided to prepare this report.