

# ENGINEERED WOOD (USA)

## CHAIN LUBRICATION

Castrol Tribol® CH 1421/680\*

**ANNUAL SAVINGS: \$305,700 (after eight years)**



### THE SITUATION

A major engineered wood manufacturer wanted to reduce oil consumption / cost and increase press life. The manufacturer also wanted technical services / support from the lubricant supplier.

### BEFORE CASTROL

- Synthetic oil with usage of 4 to 14 gallons per day, per press.
- Lubricant costs prior to Castrol were \$457,000 per year for all presses.

### AFTER CASTROL

- Through careful monitoring and recommendations, the usage was reduced to 1.5 - 2 gallons per day, per press.

### THE SOLUTION

- After analysis of the customer needs and monitoring of the press chain and rollers, the recommendation was made to use Castrol Tribol CH 1421 Synthetic Chain Oil.
- Castrol Tribol CH 1421 excels at this type of high-temperature application of 350°F and higher. Tribol CH 1421 was designed to be attracted by the temperatures to the metal surfaces of the chain and roller pins.

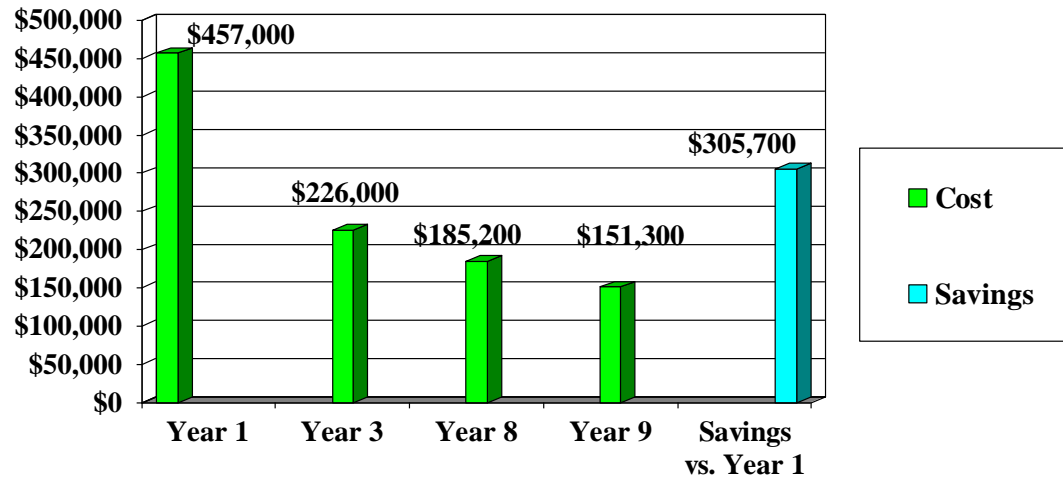
Castrol Tribol CH 1421 Synthetic Chain Oil was designed for high-performance, high-temperature applications. The specialized base oil allows for reduction in usage over conventional chain oils.

## RECOMMENDATIONS

Castrol recommended Tribol CH 1421 to have a positive impact on press life and oil consumption. Other services provided were recommendations for the automatic lube systems and additional technical support. Castrol Customer Service and Laboratory also assisted on many occasions.

## CONCLUSION

Oil consumption and costs were reduced and so was smoke due to the reduction in oil usage. Overall usage was reduced to 1.5-2 gallons per day, per press. Press rollers are measured on a routine basis and wear is minimal. Castrol provides routine inspections of the presses and systems.



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