

Tribol GR 100-1 PD in Press Auto Lube Systems

PULP & PAPER (USA)

KBA Printing Presses

Castrol Tribol® GR 100-1 PD*

ANNUAL SAVINGS: \$64,750

THE SITUATION

A major national printing company has 7 large KBA printing presses. All were originally specified to use Tribol GR 100-1 PD grease in their Bielomatik series-progressive central lube systems. The lube system feeds a complex array of rollers, cams, and slides throughout the massive 3 to 5 story tall presses. Cost reductions were sought and lower priced greases from 3 major lubricant companies were tested. This led to a variety of larger problems for production.

BEFORE

- Lube lines and divider blocks became plugged due to grease separation
- Bearing failures on idler rollers and cam followers from lack of lubrication
- Significant press downtime occurred with each lube system and bearing failure

AFTER

- Reduced lube system problems by 75%
- Bearing failures cut in half
- Eliminated 93 hours of downtime

THE SOLUTION

- Castrol reviewed the maintenance history on a press that had always run Tribol GR 100-1 PD and found that very few problems occurred.
- Tribol GR 100 was recommended as part of a total offer to the plant to improve the problems with the other printing presses.
- Conversion of all the presses back to Tribol GR 100-1 PD provided the customer with the machine reliability they needed.



- **OEM Recommended**
- **Perfect for automatic grease systems**
- **Increased machine and lube system reliability**

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RECOMMENDATIONS

Tribol GR 100 series greases are highly successful in automatic greasing systems. The stability of the oil and thickener provides greater reliability, especially in complex delivery systems. In addition, the advanced MICROFLUX TRANS® additive system provides much longer bearing life than conventional greases.

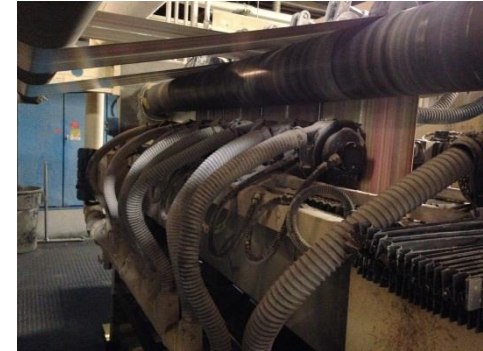
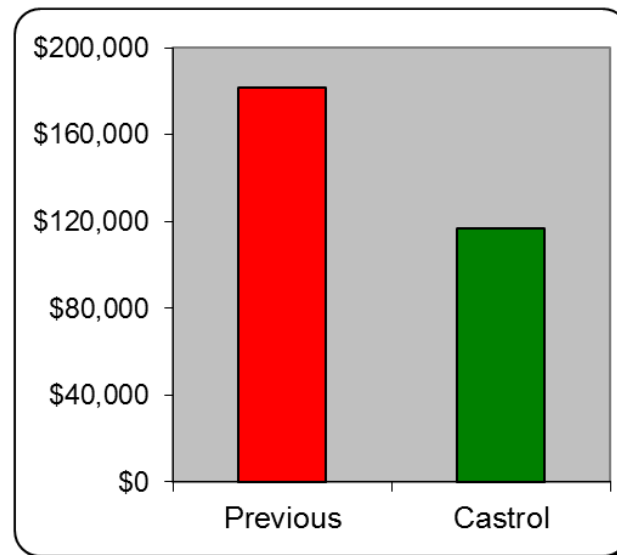
“I’m a believer in the product. Longtime PD 1 (Tribol GR 100-1 PD) eliminated many headaches for us.”

– (Mike S./Maint. Manager)

CONCLUSION

Costs of the higher performing grease are much less than the costs for equipment failure and downtime. This customer realized a savings of \$64,750 in the first full year after conversion back to Tribol GR 100-1 PD.

Total cost comparison shown below:



OTHER POTENTIAL APPLICATIONS

Castrol Tribol GR 100 series of greases contain the proprietary MFT additive package to improve metal surfaces and greatly extend equipment life. They are well suited for automatic grease systems and applications where longer component life is desired.

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