

# Trouble-Free Operation for Nearly Two Decades

## PULP & PAPER (USA)

### PAPER MACHINE LUBRICATION

#### Castrol Tribol® CT 1740/220 Paper Machine Oil\*

**ANNUAL SAVINGS: \$29,015**

#### THE SITUATION

A paperboard manufacturer was experiencing poor bearing life and carbon build-up in their dryer roll bearings. The high temperatures and steamy environment caused the circulating oil to break down and cause significant maintenance problems.

The customer was seeking a higher quality lubricant to help reduce overall costs.

#### BEFORE

- Long life, mineral oil circulating fluid
- Regular bearing failures
- Carbon build-up in the bearings and lube lines

#### AFTER

- Tribol CT 1740/220 semi-synthetic circulating oil
- Bearing failures eliminated
- Carbon was cleaned up by the Tribol CT 1740, and the system was kept clean over time

#### THE SOLUTION

- Even high quality mineral oils designed for long life cannot handle the harsh environment of the wet-end of a paper machine.
- Tribol CT 1740 was designed specifically for this application to eliminate carbon build-up, extend oil life, and maximize bearing life.
- This system was first charged with Tribol CT 1740 nearly 20 years ago and continues to operate today with great success.



• **Bearing failures eliminated**

• **Carbon cleaned up and kept away**

# Trouble-Free Operation for Nearly Two Decades

## RECOMMENDATIONS

Castrol worked closely with this customer during oil conversion to ensure the initial carbon clean-up was managed properly with filtration changes and external filter carts to remove the carbon deposits that were freed up by the Tribol CT 1740.

This customer over the years looked at lower cost oils due to price pressures, but ultimately stayed with Tribol CT 1740 knowing that their total costs would increase by moving to the lower performing oils.

## CONCLUSION

After almost 20 years in operation, Tribol CT 1740 continues to provide this customer with trouble-free operations.

**The result was \$29,015 in annual savings.**



## OTHER POTENTIAL APPLICATIONS

Tribol CT 1740 is a unique semi-synthetic blend that provides excellent high temperature and water resistance along with the detergency needed to maintain a clean system.