



Case Study

The Challenge: Increase Belt and Chain Life

Castrol Fluids: Viscogen KLK 28 & KL 3

\$243,130 Annual Cost Savings

Application:

Siempelkamp press belt and chain life was extended from 3 years to 6 years.

Benefits:

- Increased uptime
- Reduced labor costs
- Reduced parts cost

Before:

1. Normal belt life was 3 years
2. Labor to change belts: \$140,000
3. Downtime for belt change: 10-12 days
4. Cost for new belts: \$589,387

After:

1. Doubled Belt life to 6 years
2. Improved lubrication of belts and chains
3. Less frequent roller changes

Result:

Viscogen KLK 28 & KL 3 reduced the wear on the belt and rollers, extending the life by 3 years for a total savings of about \$730,000.

Description:

Viscogen KLK 28 and Viscogen KL 3 are synthetic, high temperature oils designed to provide excellent anti-wear protection.



Range

Castrol Viscogen fluids provide a transparent lubricating film of neutral odor. The base fluids were selected for exceptional adherence to metal surfaces and extraordinary penetrability into tight clearances, ensuring that load bearing contacts are lubricated while resisting drippage and sling off.

Recommendations:

Siempelkamp recommended these oils as an OEM initial fill on their equipment. Castrol has had many years of successful experience with our oils in this application.

Conclusion:

Viscogen KLK 28 and KL 3 combined to reduce wear in the belt and chain rollers, extending their life by 3 years beyond the average of the previous lubricant.

Potential Applications:

Viscogen KLK 28 and Viscogen KL 3 are suitable for all high temp chain applications where long equipment life is desired.

Segment: MCW

Sub Segment: Engineered Wood

