Case Study

Power Transmission

Summary		
POSITIVE WASTE REDUCTION	**Industry:**	Automotive
	Application:	Thermoformer machine
	Actual Saving:	£10,000
	Payback Period:	12 months

A Fine Example of ERIKS Technical Know-How

A crucial production line back up and running saves over £10k within four hours

ISSUE

ERIKS were asked to assist with a transmission chain issue at a large automotive manufacturer. As part of the thermoformer machine, the chain suffered numerous failures, affecting their just-in-time production line.

The cost incurred when stopping the process meant there was only a four hour window were the failure could be resolved, so time was of the essence.

SOLUTION

Upon an initial inspection it was evident the chain had very little lubricant and the remaining lubricant had been contaminated. The onsite engineers sent a length of the failed chain to ERIKS Drives for a full root cause analysis.

After a full inspection, the Drives team discovered the rollers and pins inside the chain were fractured, they concluded that this was due to a poor lubrication regime. The technical engineers suggested that a Simalube Automatic lubricator containing SL14 chain oil would be the perfect solution.

The Simalube Automatic lubricators eliminates the need for engineers to manually apply the lubrication and enables changeable dispensing times to help improve efficiency and reliability in the production process. To further improve efficiency the sprockets were replaced as the ongoing chain problem had damaged the sprockets.

In total the Drive team highlighted a £10,000 cost saving and production was resumed within the specified four hour window.

OTHER BENEFITS

- Environmentally friendly and refillable
- Lubrication temperature ranges from -10°C to 90°C
- Regular scheduled lubrication helps improve reliability

FURTHER COMMENTS...

The customer is extremely pleased with the outcome and improved production reliability and efficiency.

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web:www.eriks.co.uk

know-how makes the difference

ERIKS