

CASE STUDY

Product Implementation

MOVING YOUR WORLD



The Solution

It was essential to conduct a thorough discussion with the customer to define the appropriate trial schedule and establish a clear monitoring plan to evaluate performance throughout the trial period, which eased their concerns over the trial.

FUCHS evaluated VITROLIS SHEARLUBE X against the current shear cutting lubricant under identical operating conditions to confirm this grade as the correct lubricant recommendation and to investigate its performance at higher dilution ratios.

A FUCHS application engineer provided close technical support and regular on-site monitoring from the initial product supply through to application. They recorded Key performance indicators including shear blade life, cutting speed and gob weight, as these directly influenced product quality and operational efficiency. Visual inspections and data collections were also conducted throughout the trial to validate performance across the customer's full production cycle.

Results & Conclusion

After two weeks of operation under the same parameter settings as the original lubricant, results were successful.

It was agreed to increase the dilution ratio from 1:800 to 1:900 to meet cost-reduction expectations. Continuous monitoring was carried out after the adjustment, and performance data was reviewed after an additional two-week period to confirm stability and effectiveness.

The trial concluded that VITROLIS SHEARLUBE X is a complete alternative to the current lubricant. At dilution ratio of 1:900, consistently delivered clean and precise gob cuts with no visible defects, shear blade life met customer expectations, and also stable performance across production cycles.

Based on the successful trial and the proposal offered by FUCHS, VITROLIS SHEARLUBE X is estimated to deliver a reduction in lubricant consumption of approximately 12% per annum across their five production lines, equivalent to a cost reduction of 22% when compared to overall consumption and price of the competitor's product.



VITROLIS SHEARLUBE X has demonstrated its ability to maintain reliability even at higher dilution ratios compared to the standard 1:800 setting used by existing lubricant. This confirms its capability to deliver consistent quality, reduced lubricant consumption, and lower operating costs, complemented by FUCHS' comprehensive technical expertise.

FUCHS LUBRICANTS (UK) plc
New Century Street, Hanley,
Stoke on Trent, ST1 5HU
Telephone: +44 (0)1782 203700
E-Mail: contact-uk@fuchs.com
www.fuchs.com/uk

[f /fuchslubricantsuk](#) [X @fuchslube_uk](#) [in /fuchs-lubricants-uk-plc](#)

