

CASE STUDY

MOVING YOUR WORLD



FluidsConnect brings lubrication success for glass plant

Project Overview

A leading manufacturer of glass packaging required support with the management of their lubrication processes. The customer had no visibility of lubrication activities due to a lack of lubrication management software which resulted in an inability to track and report on consumption or identify any oil leaks or anomalies.

The FUCHS UK team were able to suggest and implement the use of tools and software from FUCHS Smart Services, including FluidsConnect - an intuitive, web-based recording, tracking and reporting tool with integrated KPI measurements.

The Customer

The customer is a global supplier of sustainable and infinitely recyclable glass packaging with 41 glass production facilities in total, four of which are in the UK.

The Problem

The customer wanted a better way to manage the overall lubrication on their site, as they felt they had no control over it as a business. Due to the lack of lubrication management software, key stakeholders had minimal to no visibility of lubrication-related activities, consumption tracking and operational reporting.

The customer relied on one person to look after all lubrication activities at the hot end of the site and the customer understood that they needed more flexibility regarding who could carry out these specific tasks including identifying hard-to-detect oil leaks. They also needed more transparency when it came to tracking the lubrication & consumption of individual assets, as they admittedly didn't have anything in place for this. They stressed that they would also benefit from other offerings from FUCHS Smart Services which could be phased in at different stages according to their needs.

FluidsConnect



FluidsConnect helps link all of your FUCHS Service's together for a more efficient workflow. By streamlining operations and being able to refer to all your latest data, decisions can be made to help increase productivity, reduce downtime and ultimately reduce costs.

- Individually designed dashboards
- Track & trend fluid conditions
- Remote real-time access to key operating data
- Eliminates unforeseen production problems
- Assists in preventative maintenance planning
- Reduces fluid consumption & expenditure

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The Solution

FUCHS Smart Services was introduced to the customer via an online video call. The Smart Services team first spoke about the ways in which they could tackle the issue of oil leaks & agreed with the customer that FluidsConnect would be a great way for the plant to monitor its consumption over a set period and clearly identify any abnormalities which would indicate a leak or issue. Fluids Connect would also enable the customer to build a route map of all assets which require regular lubricant top-up by the engineer, simplifying the lubrication of the hot end. This would also mean that other engineers who don't usually carry out this task would be able to do so with much less training, future-proofing the business.

We then arranged to visit the plant in person to carry out an initial survey of their site & individual assets. We looked at a range of different aspects such as the following:

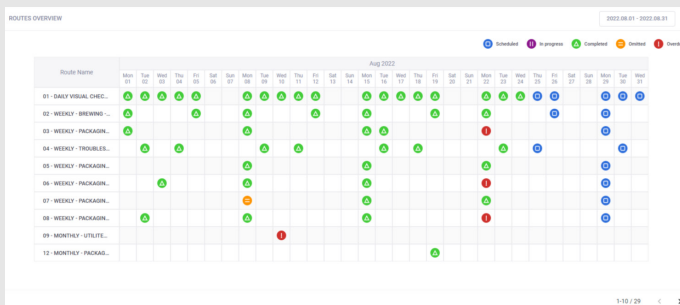
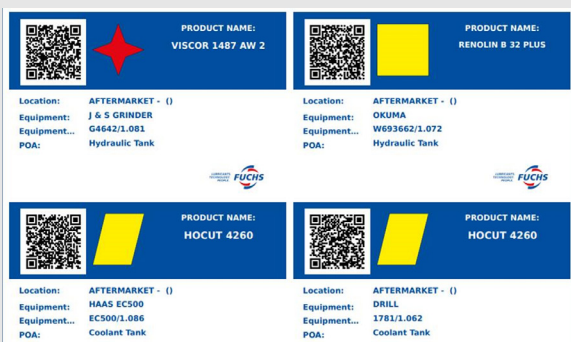
- Lubrication usage, including ways to monitor the oil leaks
- Lubrication condition monitoring
- Colour coding of individual assets

Results & Conclusion

The FUCHS UK team introduced all the ways in which they can support the customer by using the different teams from Smart Services including the Fluid Management team, Technical Support team and Reliability Support team. A plan was then formulated and tailored for the lubrication management of the hot end of the customer's plant.

FluidsConnect is an intuitive, web-based recording, tracking, and reporting tool with integrated KPI measurements which allows for proactive management of all lubrication-related activities. All lubrication activities are managed through the integrated route management tool within Fluids Connect ensuring 100% task allocation and completion.

All customer assets were also individually QR & colour-coded to drastically reduce the risk of misapplication of lubricants. This will form part of an ongoing project, which FUCHS UK and the customer will look to grow organically utilizing Smart Services. We will introduce & phase new ideas in for this pilot plant initially, which will help improve their overall lubrication management system. This pilot plant will be a great reference to expand organically within the other sites this customer operates.



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