



Case Study: AG Barr

AG Barr have been in the soft drinks business since 1875. They have been making, marketing and selling some of the UK's best loved soft drinks brands including Irn-Bru which is seen by many as part of the culture of the Scottish Nation.

Before moving to the Dry Lube system, AG Barr used a detergent and water lubrication solution across all of their bottling lines. AG Barr were keen to try the Dry Lubrication method on their large PET line. The following results were achieved:

- Soap and water has been removed from the large PET bottle line and floor area to improve working conditions for their staff and improve hygiene.
- Transfer the maintenance of the lubrication systems to Dry Lube.
- Remove the stock holding of detergent based lubricant.

Following details surveys of the AG Barr's production lines, Dry Lube engineers designed and installed a bespoke lubrication system for AG Barr's PET line.

A year after the installation of the system and having achieved tangible results regarding productivity, safety and water savings, AG Barr decided to extend the system to their small PET bottle line. At the beginning of 2009, AG Barr requested that Dry Lube extend their service to the Returnable Glass Bottle Line on conveyors between the de-crater

and washer.

AG Barr are currently trialling an install of dry lubrication system on the front section of the can line and continuing further trials on the inverted can line before progressing with the installation.

Since moving to the Dry Lube system, AG Barr have managed to save a staggering 20 million litres of water.

As a direct result of removing the water off the conveyors and floors of the factory, there has been a reduction in slips, trips and falls.

AG Barr has saved money since installing the Dry Lube system; has improved hygiene and the working environment for employees and has improved the company's health and safety record. These benefits were achieved with zero downtime in product production.

Jim Anderson, Engineering Team Leader comments, "Installing the Dry Lube systems onsite has given us savings in both water and energy. These savings are helping us reach our Environmental Policy goals with reduction in our carbon footprint and reduced water usage and effluent. The factory environment has also benefited in both Health and Safety and aesthetics of the production lines."

Fact File:

Company: AG Barr

Location: Cumbernauld, UK

Industry Sector: Soft Drinks

Production Lines Converted:

Two PET lines using acetyl slat conveyors (0.25–2l PET, one Returnable Glass line using stainless steel and acetyl (0.25–0.75l glass) and a can line trial which AG Barr have requested the Dry Lube service for.

Since moving to Dry Lube:

- 20 million litres of water saved