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TCE Transmission are the Official UK Partners for Gruetzner Automatic Lubrication Products, Industrias YUK Bulk Handling Chains & Costacurta Wire Belts. We supply a diverse customer base with these specialised products.

These have numerous applications in many industries such as;
Construction Products Manufacturing, Food & Beverage Production, Automotive, Spiral Cooling/ Freezing, Energy from Waste & Recycling, to name just a few.

TCE Transmission





LUBES & LUBRICATORS

Sololube: 7.5 bar max delivery pressure, 2 cartridge sizes, oil or grease, 2 metres range.

G-Lube: 5 bar max delivery pressure, 3 capacity sizes, any orientation.

Lub-5: 10 bar max delivery pressure, 3m range, refillable, 4 year battery life.

Lub-S: This lubricator has switchable delivery pressure from 12 bar to 50 bar. This allows the LUB-S to be used as a single point or multiple point lubricator (by utilising distribution block). The unit is available powered by battery or 24v & two sized cartridges – 125ml or 250ml.

Multipoint:

Lubricus: Below are the 4 models of 400ml cartridge capacity:

- **LUB-B:** Battery type – 3 years battery life, LUB-V (24V DC type), LUB-C: Slave unit, run by Lubricus Controller, LUB-D (Slave unit, run by machine PLC Control). Also, each port can be fed into a manifold (max 6 outlets) to feed many points.
- **LUB-B & LUB-V:** One pump – same feed rate from each outlet.
- **LUB-C & LUB-D:** Two pumps & max 4 outlets. Different feed rates achievable with each pump (each pair of outlets)
- **LUB-M:** Has 5 pumps & therefore 5 differential feed rates can be achieved).

All above work on 70 bar allowing pipelines of up to 6m.

SL101: Available with reservoir sizes of 3, 5 or 8 Litres capacity. Can be used as a single or Multiple Point Lubricator. Very high volumes of lubricant can be delivered efficiently.

ACC101: Similar to the SL101, but with multiple outlets (up to 24). This unit is used when bulk delivery to many points are required at the same delivery rate.



LUBRICATORS & SIGNALING DEVICES

TCE Monitor fitted to our auto-lubricators will show functionality & report if any of the following errors occur; Back pressure too high/ blockage, Power problem and Low lubricant level. This type of monitor can alternatively be integrated to any appropriate signaling systems on plant eg. a level switch.

MOTORS, BEARINGS & GEARBOXES

Motor Application: Two sensors for heat and vibration are connected to motor casing, the other to three phases of the motor power input. Parameters are set prior, to indicate warning signals when the Motor experiences abnormal levels of temperature, vibration, power usage. This information is sent to the control panel, in-turn graphical data plotted in correspondence to the time interval chosen.



- Low-cost installation and monthly data charges
- Receive instant push notification to laptop, desktop & mobile phone
- Cellular technology - no loss of data due to power outages or poor Wi-Fi connection
- Oversee and observe machinery performance countrywide on one dashboard
- QR Codes - allows engineers quick access to check how the specific application is running.
- Reduce downtime costs - knowing exactly where and when problems occur
- One monitor can have up to 8 channels



CHAINS, DRIVES & CONVEYING

Pan Conveyor Chains, Apron Conveyor Chains, Bulk Handling chains (e.g. Bucket Elevator Chains), Attachment Chains and many other types.

- Manufactured in Europe High-quality materials
- High-quality CNC & Automatic manufacturing processes
- High durability & strength
- Over 1500 clients worldwide in 30 different industrial segments, in 40 different countries.
- Industries served including; Construction materials such as;



Cement, Concrete, Aggregates, Asphalt, Brick, Block, Tile, Recycling, Water Treatment, Automotive, Food, Sugar, Chemicals & many others.

We also offer, specialised wire belts to accommodate many differing conditions (e.g. Spiral & In-Line Cooling & Freezing, Can Washing, Glass Production/ Heat Treatment, Food Production, Sintering & Brazing).

