



perma LUBRICATION SYSTEMS FOR CEMENT PLANTS

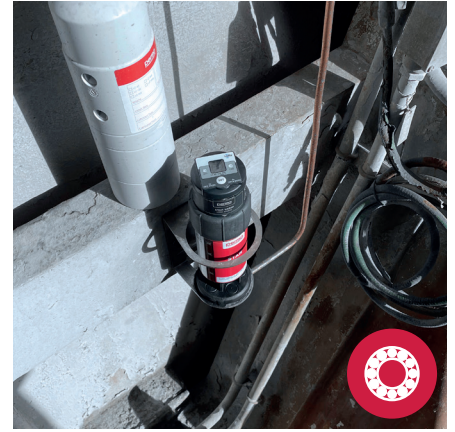
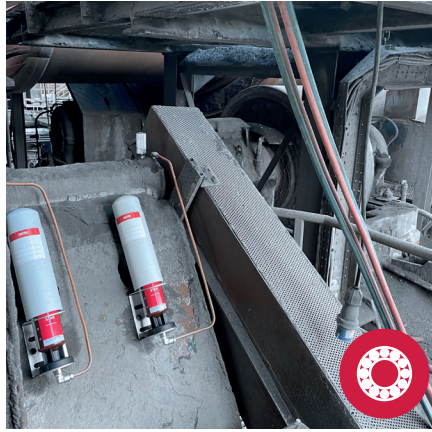
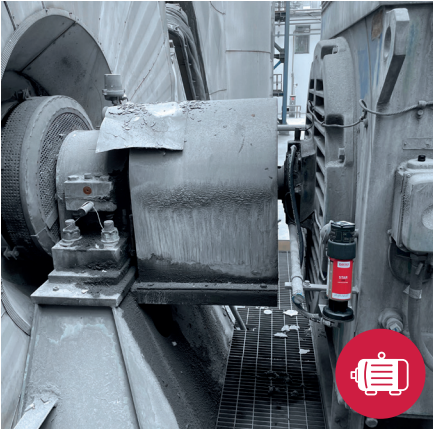
CHALLENGE

- Spread out plant areas
- Lubricant contamination due to harsh environment
- Lubrication points on crucial equipment
- Compliance with relubrication intervals and quantities
- Compliance with work safety regulations
- Monitoring of lubrication points
- Documentation of lubrication points
- Documentation of relubrication activities



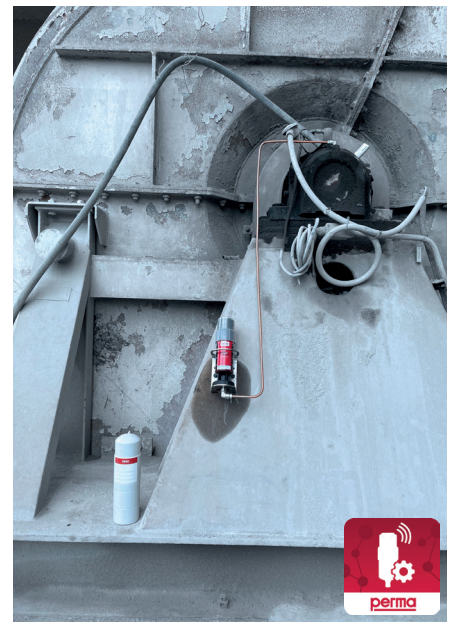
SOLUTION



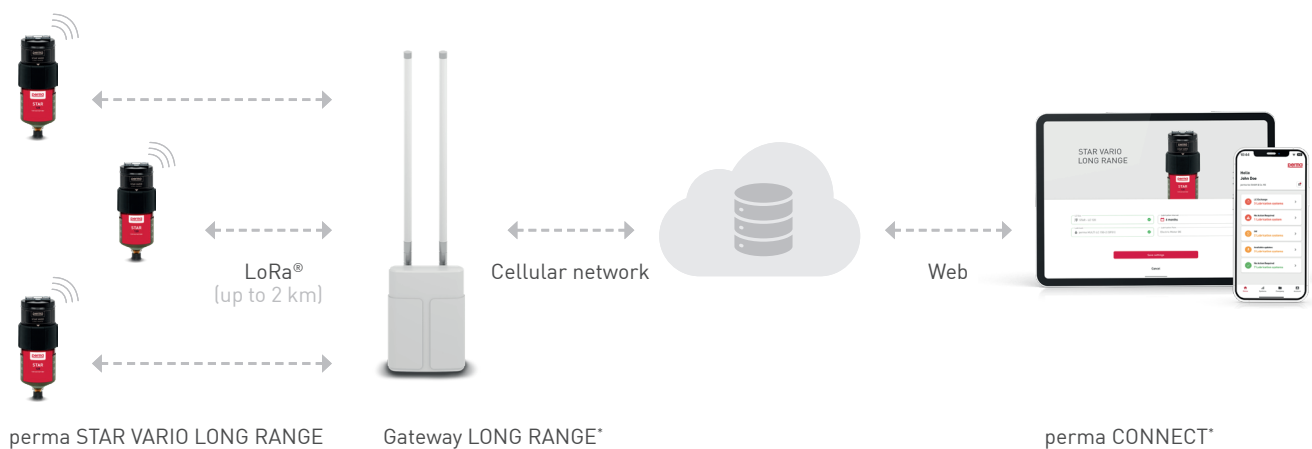


ADVANTAGES

- Reliable supply of lubricant to lubrication points
- Documentation of lubrication points via perma CONNECT
- Lubrication system communication via LoRa® technology with perma CONNECT over distances up to 2 km
- Status monitoring of lubrication systems via perma CONNECT web or app application
- Control of perma STAR VARIO LONG RANGE systems via perma CONNECT
- Implementation of up to 2000 perma STAR VARIO LONG RANGE systems possible
- Reduction of maintenance runs by 50 % to 70 %
- Monitoring of maintenance process



perma STAR VARIO LONG RANGE & perma CONNECT



*Custom solutions available upon request