

## Database for Qualified Maintenance Products

Provides detailed information on chemical suitability for maintenance products to avoid corrosion of components

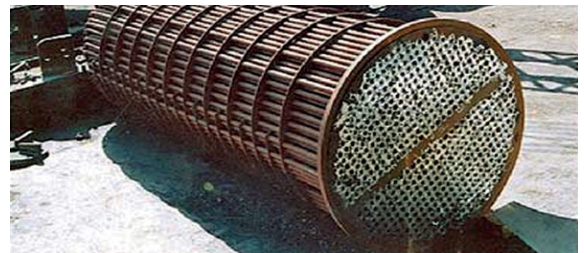
The database created assists quality assurance in nuclear power plants, for wind turbines and other technical equipment. The product information provided therein helps to avoid corrosion.

### Challenge

Maintenance products are used for construction, commissioning, operation and maintenance of nuclear power plants, wind turbines, technical equipment and other technical facilities. These maintenance products also get in contact with metallic surfaces in the plants. Even the smallest amounts of impurities may cause corrosion on metallic surfaces of components over a longer period of time. This in turn reduces their service life.

### Solution

Our database (Qualified Products Database, QPDB), in which only assessed maintenance products are listed, helps to effectively protect units and their components by avoiding corrosion. Through a strict qualification procedure they are analyzed for impurities. In addition, impurity contents were evaluated based on effective rules and our standards. Our database for qualified maintenance products offers more than 1,500 products. These are subdivided into more than 20 product groups, such as adhesives, abrasives or solvents. The database is application-oriented and includes over 50 years' knowledge and experience of our experts.



Damaged heat exchanger tube bundle

### Technical information

**Our Qualified Products Database is a modern information tool with currently 1,500 listed maintenance products**

#### Product information:

- Instructions
- Safety data sheets
- Product data sheets
- Analyses

#### Further advantages:

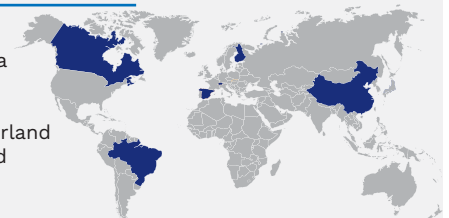
- Detailed information provided by product manufacturers
- Competent help in specific issues
- Platform for knowledge transfer
- Independent (known at TÜV, WANO)
- Root cause analysis (evaluation of damage)
- Determination of parameters
- Possibility to integrate the existing product portfolio
- Analytical know-how with regards to maintenance products characteristics

### Customer benefits

- Use of qualified products
- Material protection, Quality assurance and lower repair costs
- Exchange of knowledge and experience between users
- Avoidance of unexpected downtimes due to component failure in technical systems

### References

- Canada
- Brazil
- Spain
- Switzerland
- Finland
- China



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