



**ROCOL***care*<sup>®</sup>  
IT'S LUBRICATION MANAGED

**ROCOL**<sup>®</sup>



Performance you can trust





## WHAT IS SERVICE ENGINEERING?

ROCOL<sup>care</sup>® Service Engineering offers you complete confidence that the correct lubricant is being used at the right time and in the right place—peace of mind that your maintenance programme is effective.

- ▶ Onsite industry expertise
- ▶ Pro-active approach
- ▶ Detailed survey of production facility
- ▶ Lubrication management software
- ▶ Daily/weekly lubrication reporting
- ▶ Complete lubrication analysis and sampling
- ▶ Tailor-made optimum lubrication programme
- ▶ Additional technical advice
- ▶ Assistance during food safety auditing



**Best practice lubrication, less downtime and improved efficiencies**



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## WHAT THEY DO



- ▶ An additional team member
- ▶ Full or part time consultation service
- ▶ Engineering industry lubrication expertise and on-site knowledge
- ▶ Completely personalised service for individual plant requirements
- ▶ Collation and analysis of results
- ▶ Mechanical fault reports
- ▶ Recommendations for lubrication equipment modifications and installations
- ▶ Provides a proactive approach to lubrication management
- ▶ Suggestions/solutions on enhancements in working practices
- ▶ Rocol<sup>®</sup> becomes a valuable resource for the engineering team





# WHAT ARE THE BENEFITS



## Reports

- ▶ Customer reports are created after every service visit
- ▶ These reports can be used in the auditing process
- ▣ **Historical record and strict maintenance regime**



## Inventory Management

- ▶ Stock management
- ▶ Inventory replenishment
- ▶ Stock identification labels
- ▣ **Good housekeeping and stock availability**



## Lubricant Stores

- ▶ Best practice recommendations
- ▶ Oil stores design
- ▶ Product wall boards and labels
- ▣ **Best practice, correct product, right place**



## Training

- ▶ Operator training
- ▶ Principles of lubrication
- ▣ **Combination of well-trained operators and on-site specialist support**



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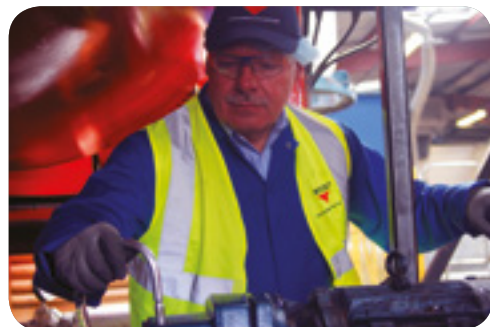
- ▶ Striving to help achieve the plants operational goals
- ▶ Proactive approach to lubrication management
- ▶ Regular review meetings
- ▣ **Complete confidence, improved efficiency and reduced downtime**

# ROCOLcare<sup>®</sup> Service Engineers



- ▶ We are ISO 21469 Certified.
- ▶ We will work within the customer engineering team.
- ▶ We provide on and off site technical support.
- ▶ We have a full range of lubricants to cover any customer's requirements.
- ▶ We will reduce customer down time.
- ▶ We use the correct lubricants to increase efficiency and productivity.
- ▶ We send our qualified service engineers to carry out customer surveys.
- ▶ We are all qualified and SPA trained.
- ▶ We provide onsite training for customer's operators/engineers.
- ▶ We will carry out a full engineering survey.
- ▶ We have years of experience in lubricants and their applications.
- ▶ We record all information (audit compliant).

**NSF**<sup>®</sup>





## CASE STUDY

Client:

# Major multi-national pet-food manufacturer

### The Problem Faced

No internal resource dedicated to lubrication and no expertise in-house regarding best practice lubrication.

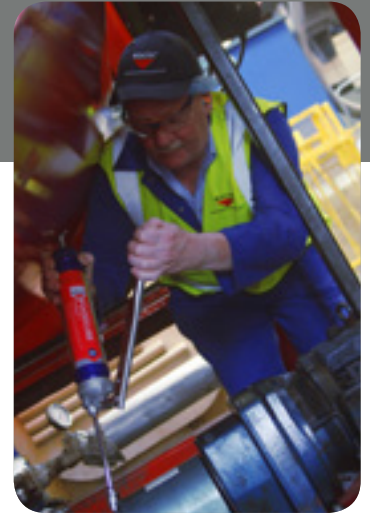
### The Strategy

ROCOLcare® Service Engineers work full time on site and carry out routine planned maintenance lubrication tasks on site in line with a detailed lubrication related issues. The Rocolcare Service Engineers provide weekly update reports to the customer regarding work completed, work which cannot be completed (along with the reasons) and details of any concerns regarding site assets and their current condition. The Rocolcare Service Engineers act as consultants and facilitators when driving towards world class lubrication and also work with the site TPM team to assist with development of the TPM lubrication pillar.

### The Benefits

The customer does not have to worry about lubrication being completed. Also, improvements are continuously being implemented to simplify the lubrication process. This drives towards world class lubrication, increasing the likelihood that when TPM is fully implemented the site OEE will improve and will decrease costs.

- ▶ The costs saved just by improving the operational efficiencies of the site assets have provided in excess of £50,000 to the operational margin of the site.





## CASE STUDY

Client:

# Major multi-national petrochemicals manufacturer

### The Problem Faced

The problem identified focused on the current lubrication method which is provided by auto-lube cartridges. They can only be accessed when scaffolding is on site during maintenance periods.

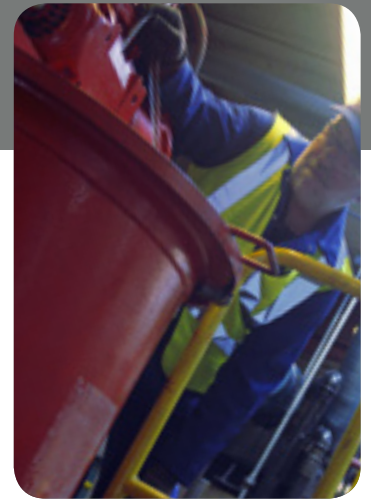
### The Strategy

The ROCOLcare® Service Engineer recommended that safe and easy access can be obtained from piping out grease lines along structural steelwork and down to ground level allowing grease to be applied direct from a manual grease gun.

### The Benefits

Relocating the grease lubrication point to an accessible position has allowed for regular grease routines to take place without having to perform tasks including: Obtaining a permit to work, erecting scaffold and acquire the services of the electrical department to isolate fan motors. The cost of fan refurbishment due to lack of lubrication is approximately £5000.

- ▶ The recommendations from the service engineer provide another simple improvement that will have a major impact on machine reliability and plant availability. Although the cost of the overhaul is not huge, the impact on plant rates if a fan is not available can be large. The costs can be up to £10,000 per day depending on plant area and ambient temperatures



### The Problem Faced

During a routine inspection of the Reactor Charge Pump N343JA, it was detected that both bearing chambers had been subjected to ingress of water causing complete displacement of lubricating oil.

### The Strategy

The ROCOLcare Service Engineer drained off all the water, flushed and refilled with new oil. After regular inspections to the pump, the cause of the failure was located to both seal housing drain holes being wrongly plugged during a recent offsite refurbishment of the pump unit.

### The Benefits

If the pump had been run in this state, the bearings would have failed very rapidly resulting in machine seizure, possible fire and loss of product containment (benzene).

- ▶ The identification of the problem and persistence in pursuing it to conclusion prevented what could have been a very serious failure with plant safety and environmental implications.



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