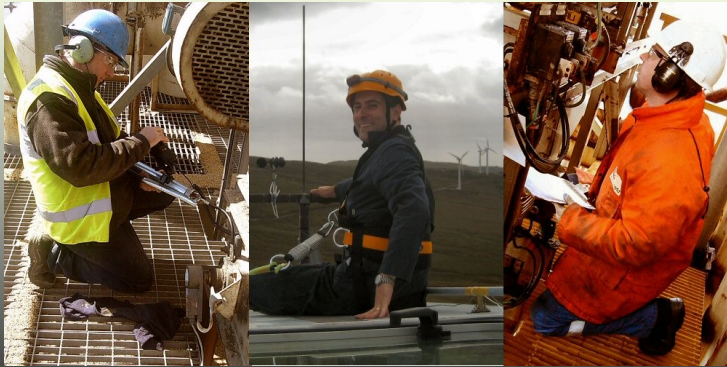
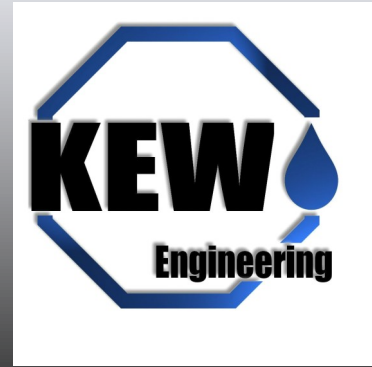


Lubrication Management by



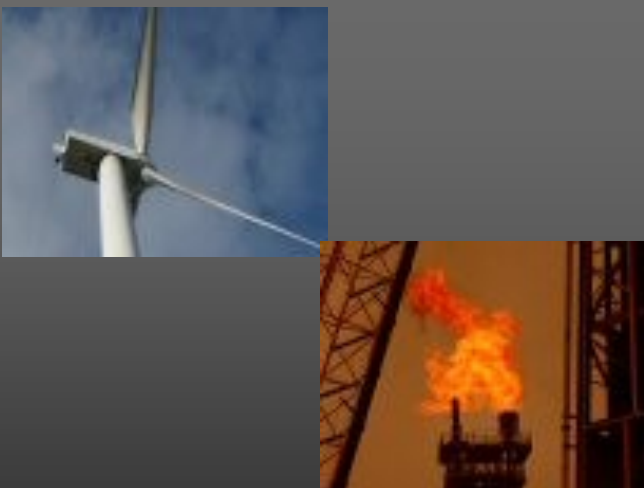
KEW Engineering -
Helping industry achieve
success through world
class lubrication activity
since 2005.

**We can help your business
succeed.**

Why have a lubrication Audit of your site?

An audit will help identify
where you can make
improvements in your
lubrication strategy.

A cost benefit analysis of your
current performance will help
establish a Return on
Investment value to help justify
the improvements you want to
make.



Reliability & Profitability



Why a lubrication Audit?

According to BP, lubricants account for less than 1% of the maintenance budget.

Yet, lubrication can impact more than 40% of the maintenance budget.

Lubricants can influence performance in:

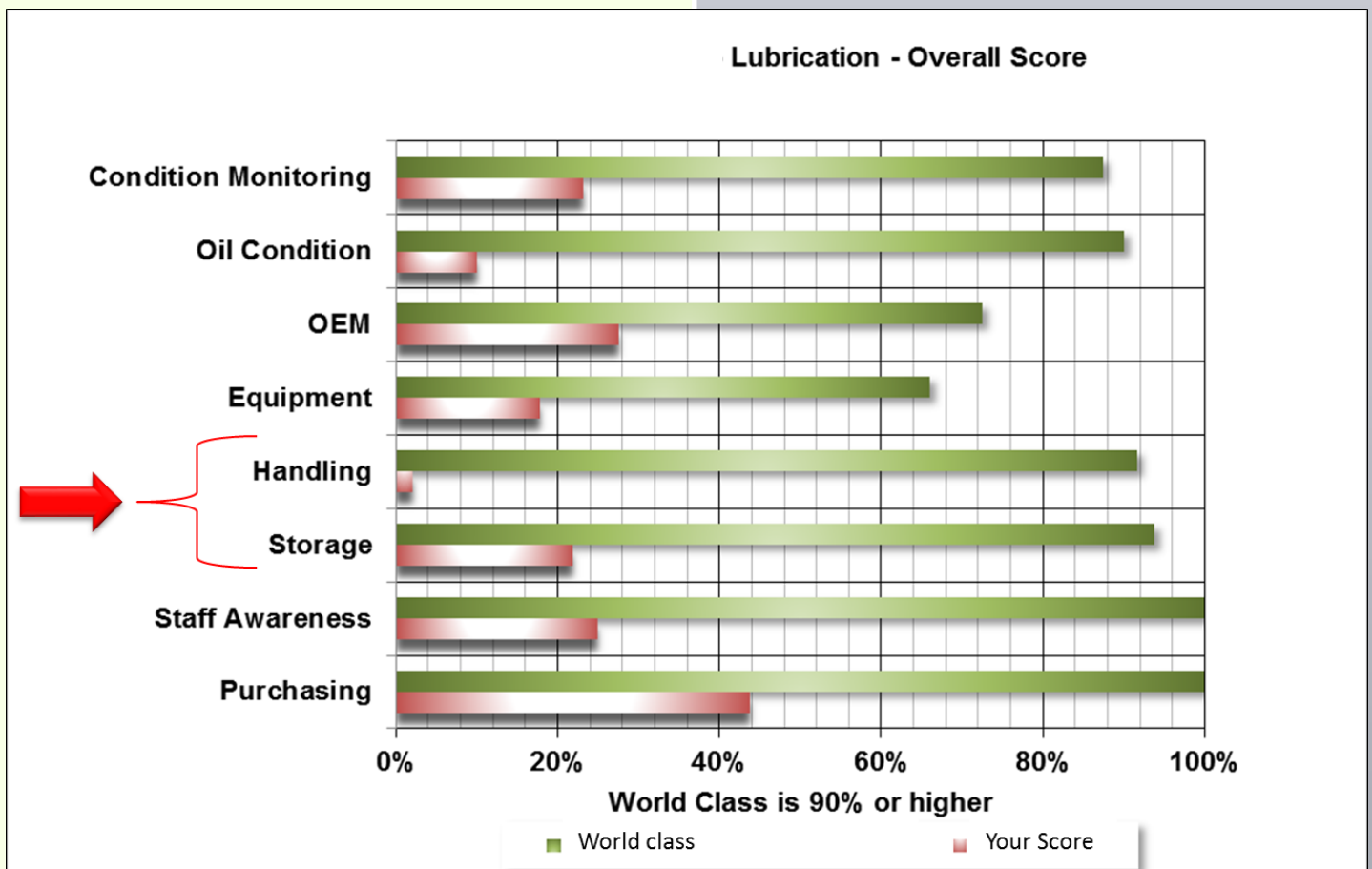
- Energy consumption
- Health & Safety
- Environmental performance
- Productivity
- Reliability
- Profitability

How does the audit work?

We assess your current lubrication practices in a number of key areas:

- Purchasing
- Storage, handling and dispensing
- Personnel & staff awareness
- Contamination control
- Oil analysis
- Machinery set-up

Each category has a number of issues we review and we then apply a ranking or score to establish a final report that helps us to prioritise the areas for improvement.





What is the deliverable?

The audit deliverable is a report that details:

- Your site's ranking relative World Class standards
- A detailed breakdown of the issues found within each category reviewed
- A list of immediately correctable issues that could potentially save money in the short term
- A 5 year cost benefit analysis based on current expenditure with a Return on Investment calculated against the expected expenditure for the improvements
- A proposed strategy for implementing improvement to bring the site to a World Class standard

In addition, we provide a two hour short training session for all interested parties identifying the need for best practice lubrication. This helps to establish the need for best practice and clarify the scoring process.



An audit will highlight areas of weakness and provide a starting point on the Improvement Roadmap leading to:

- A structured improvement plan
- Best Practice implementation
- Consistent PM activity
- Safer work methods
- Cleaner & Greener activities
- More efficient lubrication
- More effective lubrication
- Use of less resources
- Continuous improvement in Lubrication Efficiency Scores

Audits are undertaken by:

Martin Williamson is a graduate Mechanical Engineer from the University of Cape Town and began his maintenance career working in the mining industry. This experience included condition monitoring with a focus on oil analysis and Tribology.

In 1994, Martin joined Pall Filtration and provided technical support on their contamination monitoring instruments to clients in a variety of industries. He later joined Entek IRD to work in product management of their oil analysis tools, as well as providing a technical support role including training on oil analysis to international clients.

For the last 15 years, he has been presenting training classes and undertaking consulting projects on an international level on behalf of Noria Corp and other key clients such as BP, Dow Corning, Marathon Oil and Cargill. He attained his CMRP (Certified Maintenance & Reliability Professional) status with SMRP (Society for Maintenance & Reliability Professionals) and has been involved with ICML (International Council for Machinery Lubrication), as well as working on various related ISO working groups.



It doesn't get any easier than this when it comes to establishing the need for lubrication success.

Please call to discuss your needs:

KEW Engineering Ltd.

Chester, United Kingdom

Tel +44-1244-683331

www.kewengineering.co.uk

mail@kewengineering.co.uk

The Five Rights of Lubrication

- The Right Lubricant...**
 - Check the colour coding!
 - Do not mix lubricants!
- At The Right Time...**
 - Aim for 100% on lubrication PMs!
 - Don't skip the schedule!
- With The Right Attitude**
 - Work Safe!
- At The Right Place...**
 - Check the location and tag!
- In The Right**

HMC LUBRICANTS

Colour	Triangle	Diamond	Circle	Pentagon	Square	Hexagon	Star	Octagon	Asterisk	Grease
Green	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	G-2-4C-EP-HT Grease
Yellow	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	G-2-4C-EP Grease
Red	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	G-2-4C-EP Grease
Purple	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	G-2-4C-EP Grease
Orange	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	G-2-4C-EP Grease
Black	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	VG-10-LUBE	G-2-4C-EP Grease

For enquiries relating to lubrication, contact Trevor Smith on ext. 4245
Contractors' lubricants must be marked as for "Contractor Use Only".
Any unmarked oils found on site will be disposed of immediately.

BEST PRACTICES SAVES LIVES, SAVES THE ENVIRONMENT AND SAVES MONEY