

ERIKS Flow Technology Centre offers 60-minute turnaround

SPECIFICALLY DEVELOPED TO OFFER THE LOCAL MARKET A FAST, EFFECTIVE 24/7 SERVICE RESPONSE FOR ALL THEIR GASKET SEALING NEEDS, OUR FLOW TECHNOLOGY CENTRE IN LIVERPOOL CAN OFFER A REMARKABLE 60-MINUTE TURNAROUND ON MOST GASKETS.

Located within the existing Liverpool Distribution Branch, the Flow Technology Centre is an ultra-modern facility benefiting from a significant investment in technology and skilled staff. A specialist centre particularly relevant to the chemical industry, with its new state-of-the-art ATOM CNC reciprocating knife cutting machine has the ability to cut a wide range of gasket materials, including those with metallic inserts. As well as offering profile design facilities, gaskets can be manufactured from a customer's own CAD files, with high quality gaskets being available in a wide variety of materials.

The centre also holds a large stock of sheet jointing, gland packings, and spiral wound gaskets, all available for immediate delivery, while a complete range of valve products and hose assemblies are also offered.

Manned by two experienced specialist gasket technicians, the centre is also supported by the technical and

manufacturing skills of the Flow Technology Core Competence Centre and the commercial skills of the Liverpool Distribution Branch.

So visit our Flow Technology Centre in Liverpool – and seal the deal in 60 minutes!



A cost-effective means of monitoring non-critical machines from SKF

SKF HAS LAUNCHED THE MACHINE CONDITION INDICATOR (MCI), AN ECONOMICAL VIBRATION SENSOR AND INDICATOR FOR THE MONITORING OF NON-CRITICAL MACHINES.

Ideal for machinery previously left unmonitored, and serving as either a complementary or additional coverage for an established condition monitoring programme, the device can be compared to a warning "check engine" light in a car. Once the MCI is illuminated, it alerts the predictive maintenance technician to complete a root-cause analysis on the machine. The top of the unit features three LEDs to indicate warnings based on changes in the surface temperature, the enveloped acceleration (to detect bearing degradation), and velocity (checking on misalignment, imbalance etc.). It also features built-in intelligence to avoid false alarms.

Non-critical machinery can often be left off an otherwise extensive and professional condition monitoring programme due to the costs involved, but the MCI can fill in those gaps to give you a cost-effective way of increasing your coverage. Whereas unexpected failures and unplanned downtime can cost you dearly, any indication of a change in operating parameters from the MCI can give you time to plan for replacement or indicate the need for invaluable adjustments to a maintenance plan (i.e. such as if additional or reduced lubrication is required).



TOP 10 TIPS

FOR SELECTING THE RIGHT GASKET

Making selection easier – the new 'ERIKS Lubrication Essentials' Brochure

SPECIFICALLY DESIGNED TO MAKE LUBRICANT SELECTION AND ORDERING AS SIMPLE AND EASY AS POSSIBLE, OUR NEW 'ERIKS LUBRICATION ESSENTIALS' BROCHURE SHOWCASES OUR KNOW-HOW AS AN EASY TO UNDERSTAND, STANDARDISED OFFER.

The *ERIKS* Lubrication Essentials range is a multi-brand offer of around 30 core products. All are established, high quality, readily available items designed to meet the most common industrial lubrication and maintenance applications.

The key benefits of this brochure:

- **Proven performance**

Hand picked, by our lubrication engineers from the leading brands. All established popular products with an impeccable track record of performance and consistency

- **Simplify and reduce inventory**

Designed to cover as wide a range of applications as possible with the most manageable number of items

- **Excellent availability**

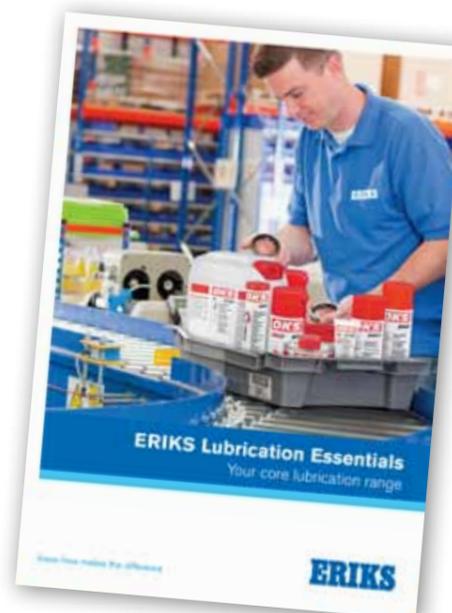
All stocked in volume at the *ERIKS* National Distribution Centre

- **Ensure compliance**

Products from the leading brands with all the relevant certification

The brochure even provides an extensive and easy to use glossary with clear and simple explanations of any technical terms used. There's also a two-page spread on that's ideal as a simple guide for selection based on the categories and names of the products.

Every Maintenance Fitter and Engineer will find the brochure invaluable, as will Maintenance, Health and Safety, and Environmental Managers. For many, all the lubricants they'll ever need are available in the *ERIKS* Lubrication Essentials range.



1. Value your gaskets. Gaskets are often the forgotten heroes in manufacturing and process operations, providing a vital interface and seal between mating surfaces. It's only when they start to fail that their importance is recognised.

2. Establish the correct specification. In many instances, failure arises because gasket material, shape or thickness has been incorrectly specified – often because basic criteria such as chemical, temperature or mechanical compatibility have been overlooked.

3. Consider the temperature of the application. A typical cause or premature failure is a lack of attention to the issue of temperature during the specification process. Gaskets become brittle at low temperature, leading to a lack of flexibility in the seal and, ultimately, the ingress of contamination.

4. In high temperature applications, consider graphite.

As the process temperature rises, the number of suitable gaskets available for specification reduces but graphite gaskets offer robust resistance to high temperatures.

5. In hygiene-critical applications, consider PTFE.

The issue of chemical contact is especially critical within the food and pharmaceutical industries, where process substances can rapidly degrade gasket materials that are not compatible with the application. However, a range of chemical-resistant gaskets are now available using materials such as PTFE, which can be used to manufacture exceptionally resilient gaskets.

6. Get custom-cut gaskets fast with CAD/CAM services.

Today's state-of-the-art cutting systems use CAD/CAM to deliver fast results to a range of specifications and can cut custom-sized

components without transferring contaminants to the gasket. *ERIKS UK* operates a dedicated gasket cutting operation that has increased wider gasket availability and reduced unnecessary downtime in machinery overhauls.

7. Gaskets can be over-specified as well as under-specified.

The best gasket is not necessarily the most expensive one. Sometimes a simple gasket is more cost-effective because it is perfectly adequate for the application, which is good news when the plant requires the cutting of thousands of gaskets.

8. Consult an expert supplier. The points made above illustrate why it is so important to consult with an expert supplier from *ERIKS* Gasket Technology, who can establish, for example, whether the performance requirements of your application are well met by a simple, inexpensive gasket.

9. Make cost savings by rolling out new specifications plant-wide.

If you establish that current components have been over-specified, the result of consultation with an expert supplier from *ERIKS* Gasket Technology may be that your production plans incorporate a planned reduction of gasket quality to avoid any unnecessary expense.

10. Time spent reviewing gaskets will bring measurable ROI.

It pays to take expert advice and specify the right solution, especially when you consider the costly results of wastage and downtime that occur when contamination enters the production line. *ERIKS* Gasket Technology can give this advice 24/7 based on years of hands-on experience, from on-site assistance – helping you to make the correct gasket selection, and advising on the correct method of preparing the flanges and fitting the gasket – all the way through to the actual manufacturing process.

