

Marketing Applications Publication

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NEW LOCATION

The new dedicated Condition Monitoring Centre in Thetford Norfolk UK has been established, as part of a major new initiative, to support the company's further penetration into the European hydraulic fluid analysis and preventative maintenance sectors of major engineering industries.

EXPERTISE

The new Condition Monitoring Centre has been established as a centre of excellence for the design, development, manufacture and marketing of a co-ordinated family of industrial system fluid conditioning monitoring and analysis products.

PRODUCTS

Automatic particle counters, off-line bottle samplers, water in oil monitors, transducers and transmitters, sensors and samplers.

LaserCM is the latest addition to a globally proven range of portable particle counters – designed and developed by Parker Filter Division Europe. Combining leading edge technology from the hydraulic, electronic and laser industries, the LaserCM adds advanced laser technology to Parker's proven, industry-standard 'white-light' CM20 six-channel contamination monitors to offer highly repeatable and accurate system monitoring.

Continued.

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Dedicated to helping customers

OBJECTIVES

The Condition Monitoring Centre is dedicated to helping customers cut the cost of down-time caused through system contamination.

The experience of designers and users of hydraulic and lube oil systems has verified the fact that over 70% of all system failures are a direct result of contamination! The

cost directly attributable to contamination is staggering, resulting from loss of production (downtime), component replacement, frequent fluid replacement, disposal, increased overall maintenance and increased scrap rate.



CUSTOMER BENEFITS

Contamination interferes with the four functions of hydraulic fluids: to act as an energy transmission medium; to lubricate internal moving parts of components; to act as a heat transfer medium; and to seal clearances between moving parts. If any of these functions is impaired, the hydraulic system will not perform as designed. The resulting downtime can easily cost a large manufacturing plant thousands of pounds per hour.

Hydraulic fluid maintenance helps prevent or reduce unplanned downtime.

This is achieved through a continuous improvement programme that minimises and removes contaminants caused by, for example, orifice blockage, component wear, formation of rust or other oxidation, chemical compound formation, depletion of additives or biological growth.