HYDROCARBON **MANAGEMENT**

Hydrocarbon Management

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Many organisations are unaware of the danger improper lubricant storage and handling practices create. Protecting your lubricants and ultimately your equipment from the harmful effects of contamination & lubricant degradation begins with proper in-plant storage.

Total Fluid Management (TFM)

WearCheck's Reliability Solutions (RS) division employs a holistic approach to implementing a world-class fluid management programme that aligns all departments to a customised TFM plan with a common goal – to optimise the efficiency of fluids.

Using condition monitoring technologies, the RS team identifies sub-standard fluid management practices and the effects these have on component life. The team has helped many mines and other operations to reduce lubrication costs and maintenance costs by successfully combining condition monitoring and TFM.

When implementing a TFM programme, the WearCheck technicians ensure that the customer can manage their world-class programme with complete confidence. After handover, WearCheck provides after-sales service and product support. Scheduled re-assessment is fundamental to the success of the programme.

The three pillars that ensure Total Fluid Management success are:
• Keep lubricants clean
• Keep lubricants dry
• Keep lubricants cool

WearCheck considers all aspects of lubrication and overall fluid management instead of just targeting a single department.

A good TFM programme is implemented in four phases, which are: phase 1 - assessment, phase 2 - modification and design, phase 3 - implementation and phase 4 - management and continuity.

TFM technicians assess and improve an existing system and implement new procedures. Once operational, the benefits include reduced lubrication costs and improved equipment availability. Initially, lubrication costs may increase, but once the TFM programme is in place the savings and increased machine availability can be quantified.

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