



## Revitalise Your Lubricants with Advanced Oil Filtration Services

**MAK FiltraPro** is a premium oil filtration service engineered to enhance the performance, longevity, and reliability of your lubricants and critical equipment. Utilising advanced filtration technologies, **MAK FiltraPro** effectively removes particulate matter, moisture, sludge, and varnish – restoring oil quality and safeguarding your machinery.

Designed for demanding industrial environments, including hydraulic systems, turbines, compressors, gearboxes, etc., **MAK FiltraPro** enables a shift from reactive maintenance to a predictive, condition-based approach. Cleaner oil means reduced component wear, lower failure rates, and optimised system efficiency – translating directly into reduced downtime and significant operational savings.

Beyond performance, **MAK FiltraPro** supports your environmental and sustainability objectives by minimising oil disposal, reducing hazardous waste generation, and extending lubricant life. It's a smart solution for cleaner operations, longer equipment life, and a greener future.



## Key Benefits for Customers



**MAK**  
LUBRICANTS



Extended Oil and Equipment Life



Reduced Maintenance Costs



Enhanced Equipment Reliability



Improved Operational Efficiency



Environment-friendly & Sustainable

## Filtration Management Process



### Pre-Assessment & Cost-Benefit Analysis

- **Understanding Your Needs:** We begin with a thorough discussion to understand your specific equipment and lubrication challenges.
- **Cost-Benefit Evaluation:** We perform a detailed analysis, outlining the potential savings from extended oil life and reduced equipment wear versus the cost of our filtration service.



### Initial Oil Sampling & Inspection

- **Comprehensive Assessment:** Our experts take an initial oil sample from your system.
- **Detailed Laboratory Analysis:** This sample undergoes a rigorous inspection to assess existing contamination levels (particulates, wear metals), moisture content, and overall lubricant condition.
- **Tailored Approach:** The results guide us in customising the most effective filtration strategy for your specific oil and equipment.



### On-Site Filtration Equipment Setup

- **Minimising Downtime:** Our specialised filtration unit is brought directly to your facility.
- **No Oil Transportation Needed:** This eliminates the need to transport large volumes of oil off-site, saving time and logistics costs.
- **Seamless Integration:** Our team sets up the equipment efficiently, ensuring a quick and non-disruptive start to the filtration process.



### Advanced Contamination & Moisture Removal

- **Multi-Stage Filtration:** We employ advanced filtration technologies, including fine particulate removal and/or centrifugal separation, to eliminate sludge, metal shavings, and other solid contaminants.
- **Vacuum Dehydration:** Specialised vacuum systems are utilised to effectively extract dissolved and emulsified moisture from the oil.
- **Restoring Purity:** This comprehensive process revitalises your used oil to near-original cleanliness levels.



### Post-Filtration Analysis

- **Quality Verification:** After filtration, a second oil sample is taken for thorough analysis.
- **Parameter Confirmation:** We scientifically evaluate key oil parameters such as viscosity, final contamination levels (ISO cleanliness codes), and remaining moisture content.
- **Certification of Cleanliness:** The results confirm that the oil is restored to optimal quality, fit for continued use, and ready to protect your valuable assets.



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**MAK**® makes it possible.