

Hydraulic System Maintenance Services

MGR Fluid Power supply a range of maintenance services and packages as detailed below.

System Audit – A complete in depth appraisal of the system, including;

Pump flow vs pressure analysis – baselines the pump capability and efficiency of the unit.

Oil analysis – a sample and report detailing the current cleanliness of the oil vs the target system cleanliness. Details will be provided of any contaminants present and the oil condition.

System cycle times – a review of the timings from cylinder and hydraulic motor operations; using hydraulic data logging equipment.

System operating parameters – a check of the pressure settings of control valves.

Leak analysis – review of any leaks; their causes and impacts on system performance.

The output from the audit will be a report detailing the current system performance, outlining efficiencies and maintenance requirements.

Maintenance Level 1 - Oil Analysis

- Change of filter elements
- Check of system parameters
- Leak detection and repair (if possible)
- Maintenance report

Maintenance Level 2 - Oil Analysis

- Change of filter elements
- Pump PQ analysis
- Cycle times
- Check of system parameters
- Leak detection and repair (if possible)
- Maintenance report

Maintenance Level 3 - Oil Analysis

Change of filter elements

Pump PQ analysis

Cycle times

Check of system parameters

Leak detection and repair (if possible)

Maintenance report

Telephone support for fault finding (during working hours)