

# ◀ GOOD PRACTICE INFORMATION ▶



## Low Hazard Hydraulic Oil

### Problem:

A fitter working on C435 recently received an eye injury when hydraulic oil splashed into his eye. At the time of the incident, the IP was wearing light eye protection. The IP received first aid on site and then attended hospital to have his eye irrigated as a precaution, but there was no lasting injury.

The oil being used at the time of the incident was “Liebherr Hydraulic Plus”; a non-toxic bio-degradable oil. The material is classified as low hazard on the MSDS sheet.

The consequences could have been worse if different hydraulic oil, such as Shell 8510M or Anvol PE 46XC were used.

### Solution:

Many hazardous Hydraulic Oils can often be substituted for ‘low hazard’ equivalents, such as Liebherr, Unavis J-26 and Shell Naturelle fluid. As well as reducing the immediate effect from accidental contact, some of these substitutes are also free of mineral oils, which can cause skin cancer if not properly controlled.

### Advantages:

- Low hazard material
- Reduced need for skin checks
- Non-irritant

