

PRELIMINARY STAGE HYDRAULICS

TARGET GROUP

Engineers with little or no prior knowledge, as an introduction to the training course 'Introduction to mobile hydraulics'.

Anyone who is active in a technical-commercial environment, but doesn't carry out repairs.

People who work in a sales environment, in the warehouse, in the administrative department ...

PRIOR KNOWLEDGE

No prior knowledge of hydraulics is required.

GOAL

- To gain an insight into hydraulic operating principles, applied to lift trucks and aerial work platforms.
- Recognising parts on a machine and on a diagram.
- Getting to know the function of common components.

CONTENT

- **Important hydraulic concepts, laws and formulas**
 - Pressure, flow rate
 - Pascal's Law
- **Structure of an installation**
- **Common components and their function**
 - Pump
 - Filter
 - Cylinder
 - Pressure relief valve, hose break valve ...
 - Orbitrol
- **Basic symbols and diagram reading**
- **Introduction to proportional hydraulics**
- **Introduction to hydrostatic drive**
- **Practical exercises**
 - Demonstrating hydraulic laws
 - Understanding the functioning of the components
 - Introduction to measuring pressure and flow rate
- **Safety**

DURATION

1 day

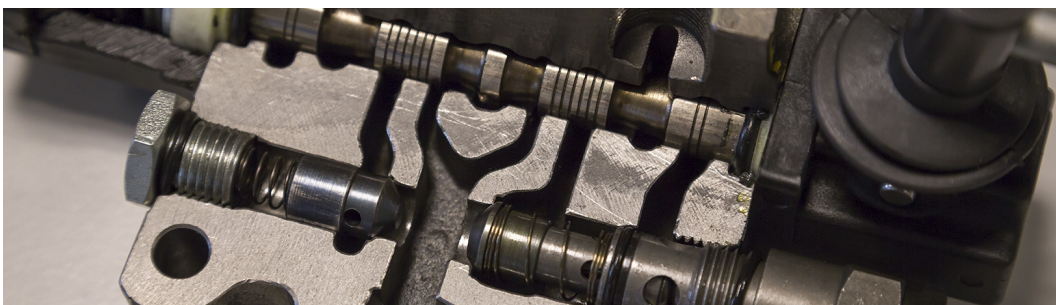
TO BRING

- Working clothes
- Safety shoes
- Adequate gloves (optional)

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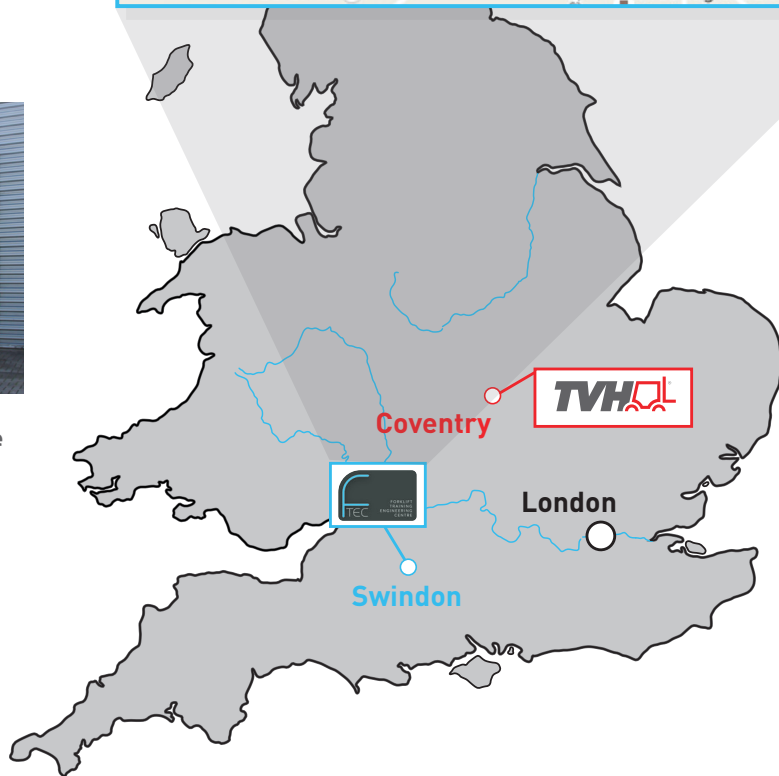




LOCATION



FTEC – Forklift Training Engineering Centre
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**FOR MORE INFORMATION OR ENROLMENTS:
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