

# rexroth

## A Bosch Company



**Hydraulic Training Schedule**  
**January - December 2026**

| VENUE     | COURSE TITLE                       | 2026                        |
|-----------|------------------------------------|-----------------------------|
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days <b>JANUARY</b> 20-22 |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days January 20-22        |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days January 20-21        |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day January 22            |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day January 23            |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days January 20-22        |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days January 20-22        |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days January 20-21        |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day January 22            |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day January 23            |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days <b>FEBRUARY</b> 3-5  |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days February 3-5         |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days February 3-4         |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day February 5            |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day February 6            |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days February 3-5         |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days February 3-5         |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days February 3-4         |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day February 5            |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day February 6            |
| CORK      | BASIC HYDRAULICS                   | 3 days February 17-19       |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days February 17-19       |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days February 17-19       |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days February 17-18       |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day February 19           |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day February 20           |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days February 17-19       |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days February 17-19       |

|           |                                    |        |                    |
|-----------|------------------------------------|--------|--------------------|
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | February 17-18     |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | February 19        |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | February 20        |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | March 3-5          |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | March 3-5          |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | March 3-4          |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | March 5            |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | March 6            |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | March 3-5          |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | March 3-5          |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | March 3-4          |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | March 5            |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | March 6            |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | March 17-19        |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | March 17-19        |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | March 17-18        |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | March 19           |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | March 20           |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | March 17-19        |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | March 17-19        |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | March 17-18        |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | March 19           |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | March 20           |
| CORK      | BASIC HYDRAULICS                   | 3 days | <b>APRIL 14-16</b> |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | April 14-16        |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | April 14-16        |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | April 14-15        |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | April 16           |

|           |                                    |        |                  |
|-----------|------------------------------------|--------|------------------|
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | April 17         |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | April 14-16      |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | April 14-16      |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | April 14-15      |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | April 16         |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | April 17         |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | April 28-30      |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | April 28-30      |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | April 28-29      |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | April 30         |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | May 1            |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | April 28-30      |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | April 28-30      |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | April 28-29      |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | April 30         |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | May 1            |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | <b>MAY</b> 12-14 |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | May 12-14        |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | May 12-13        |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | May 14           |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | May 15           |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | May 12-14        |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | May 12-14        |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | May 12-13        |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | May 14           |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | May 15           |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | <b>JUNE</b> 2-4  |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | June 2-4         |

|           |                                    |        |                  |
|-----------|------------------------------------|--------|------------------|
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | June 2-3         |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | June 4           |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | June 5           |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | June 2-4         |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | June 2-4         |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | June 2-3         |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | June 4           |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | June 5           |
| CORK      | BASIC HYDRAULICS                   | 3 days | June 16-18       |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | June 16-18       |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | June 16-18       |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | June 16-17       |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | June 18          |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | June 19          |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | June 16-18       |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | June 16-18       |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | June 16-17       |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | June 18          |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | June 19          |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | June 30 - 2 July |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | June 30 - 2 July |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | June 30 - 1 July |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | <b>JULY 2</b>    |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | July 3           |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | June 30 - 2 July |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | June 30 - 2 July |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | June 30 - 1 July |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | July 2           |

|           |                                    |        |                     |
|-----------|------------------------------------|--------|---------------------|
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | July 3              |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | July 14-16          |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | July 14-16          |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | July 14-15          |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | July 16             |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | July 17             |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | July 14-16          |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | July 14-16          |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | July 14-15          |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | July 16             |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | July 17             |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | July 28-30          |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | July 28-30          |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | July 28-29          |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | July 29             |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | July 30             |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | July 28-30          |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | July 28-30          |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | July 28-29          |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | July 29             |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | July 30             |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | <b>AUGUST 11-13</b> |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | August 11-13        |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | August 11-12        |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | August 13           |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | August 14           |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | August 11-13        |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | August 11-13        |

|           |                                    |        |                       |
|-----------|------------------------------------|--------|-----------------------|
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | August 11-12          |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | August 13             |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | August 14             |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | August 25-27          |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | August 25-27          |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | August 25-26          |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | August 27             |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | August 28             |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | August 25-27          |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | August 25-27          |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | August 25-26          |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | August 27             |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | August 28             |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | <b>September 8-10</b> |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | September 8-10        |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | September 8-9         |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | September 10          |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | September 11          |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | September 8-10        |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | September 8-10        |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | September 8-9         |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | September 10          |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | September 11          |
| CORK      | BASIC HYDRAULICS                   | 1 day  | <b>October 20-22</b>  |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | October 20-22         |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | October 20-22         |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | October 20-21         |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | October 22            |

|           |                                    |        |                     |
|-----------|------------------------------------|--------|---------------------|
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | October 23          |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | October 20-22       |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | October 20-22       |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | October 20-21       |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | October 22          |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | October 23          |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | <b>November 3-5</b> |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | November 3-5        |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | November 3-4        |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | November 5          |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | November 6          |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | November 3-5        |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | November 3-5        |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | November 3-4        |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | November 5          |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | November 6          |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | November 17-19      |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | November 17-19      |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | November 17-18      |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | November 19         |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | November 20         |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | November 17-19      |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | November 17-19      |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | November 17-18      |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | November 19         |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | November 20         |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | <b>December 1-3</b> |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | December 1-3        |

|           |                                    |        |                |
|-----------|------------------------------------|--------|----------------|
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | December 1-2   |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | December 3     |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | December 1-3   |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | December 1-3   |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | December 1-2   |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | December 3     |
| CORK      | BASIC HYDRAULICS                   | 3 days | December 8-10  |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | December 8-10  |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | December 8-10  |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | December 8-9   |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | December 10    |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | December 8-10  |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | December 8-10  |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | December 8-9   |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | December 10    |
| ST NEOTS  | BASIC HYDRAULICS                   | 3 days | December 15-17 |
| ST NEOTS  | PROPORTIONAL HYDRAULICS*           | 3 days | December 15-17 |
| ST NEOTS  | FAULT FINDING* <b>NEW</b>          | 2 days | December 15-16 |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | December 17    |
| ST NEOTS  | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | December 18    |
| WAKEFIELD | BASIC HYDRAULICS                   | 3 days | December 15-17 |
| WAKEFIELD | PROPORTIONAL HYDRAULICS*           | 3 days | December 15-17 |
| WAKEFIELD | FAULT FINDING* <b>NEW</b>          | 2 days | December 15-16 |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | December 17    |
| WAKEFIELD | ACCUMULATOR COMPETENCE* <b>NEW</b> | 1 day  | December 18    |

\* **Level 2 training course, please refer to entry requirements.**

## Booking/Pricing

All bookings subject to receipt of completed booking form (please contact us), and official order number. Quoted price per attendee, per course, excluding VAT. Course materials and light buffet lunch included. All visa, travel, hotel and subsistence responsibility of attendee.

Quoted prices refer to standard courses. Bespoke Training packages are also available, delivered at Bosch Rexroth St Neots or Wakefield, or customer site, duration to suit, prices on request. Please contact us for further details.

## UK Venues

Bosch Rexroth, St Neots, Cambridgeshire. PE19 2ES  
Bosch Rexroth, Normanton, Wakefield. WF6 1GX

## Pricing 2026

|              |          |
|--------------|----------|
| 3-day course | £1165.00 |
| 2-day course | £780.00  |
| 1-day course | £570.00  |

**Cork** All courses Price on request

**For course bookings, please contact:**

## St Neots / Wakefield M Morris

**Tel: +44 (0)345 6044106**  
**Email: [sales@boschrexroth.co.uk](mailto:sales@boschrexroth.co.uk)**

**Cork  
J Hickey**

**Tel: +353 21 4978787  
Email: [jhickey@phc.ie](mailto:jhickey@phc.ie)**

Certified by the British Fluid Power Association



## Level 1 Training:

### **BASIC HYDRAULICS TRAINING COURSE (3 days): Typical Content**

1. **Self-Assessment Questionnaire**
  - used to support the introduction to hydraulics and identify levels of previous knowledge and understanding
2. **Introduction to the basic principles of Fluid Power Systems**
  - what is a hydraulic system?
  - important characteristics of hydraulic systems
  - where do we use hydraulics?
  - 7 basic principles that underpin hydraulic systems
  - Pascal's Law, Force Transmission, Pressure Transmission
3. **Introduction to Circuit Symbols (to current ISO standards)**
  - hydraulic symbols, shape and recognition
  - how to read hydraulic circuit diagrams
  - open and closed loop circuits
4. **Pumps**
  - different pump types and basic principle of operation (gear, vane, piston)
  - shaft input power and hydraulic output power
  - suction performance, cavitation, aeration, causes of failure
  - installation and commissioning
5. **Pressure Control Devices – function, operation and circuit application**
  - pressure relief valves – direct and pilot operated (including unloading)
  - pressure reducing valves
  - sequence valves
6. **Directional Control Valves – function, operation and circuit application**
  - direct operated and pilot operated
  - valve sizes and nominal flow rates
  - poppet valves
7. **Load Holding and Motion Control – function, operation and circuit application**
  - standard check valves
  - pilot operated check valves
  - counter balance valves
8. **Flow Control Valves – function, operation and circuit application**
  - simple throttle valves
  - viscosity compensated valves
  - pressure compensated valves
  - meter in / meter out flow control
9. **Pipes, Hoses and Fittings**
  - compression joints - establishing the perfect connection
  - knowing the parts and application
  - hose construction and selection
  - hose failures and correct installation
  - safety
10. **Motors**
  - different motor types and basic principle of operation (axial piston, radial piston, fixed and variable displacement)
  - shaft speed, displacement, input flow-rate, torque.

**11. Cylinders**

- different types, basic construction / operation
- force, effective area, flow rate and velocity
- intensification
- regeneration

**12. Accumulators**

- different types (piston, diaphragm, bladder)
- Basic principle of operation
- applications
- safety and legislation

**13. Hydraulic Oil**

- important characteristics and different types
- additives
- viscosity
- management control

**14. Contamination Control**

- origin and nature of contaminants
- particle sizes and typical component clearances
- establishing target cleanliness levels
- monitoring and maintaining cleanliness standards (measurement)
- sampling methods

**15. Fault Finding**

- fault diagnosis, start point and procedures to follow
- health and safety and establishing safe working practices
- planning and preparation
- application of 'fault-cause-remedy' techniques

**16. Practical Exercises (in-house training rigs)**

- performance testing a pump
- comparing the performance of a simple throttle valve to a pressure compensated flow control valve
- to observe and understand pressure intensification
- to prepare a set up procedure for three different pressure control valves with different settings
- to build and understand a simple accumulator circuit

**17. Hydraulic Safety**

- general safety, personal hygiene and handling of oils

MEMBER OF:



Training Certified by the British Fluid Power Association

Level 2 training - please refer to entry requirements.

### **FAULT FINDING TRAINING COURSE (2 Days): Typical Content**

1. **Review of the basic principles of Fluid Power**
  - fundamental principles that underpin hydraulic systems
  - Pascal's Law, transmission of force, power
  - formulae used to calculate flow, pressure, power, torque and force
2. **Maintenance and Fault Finding**
  - maintenance strategies
  - planning and fault finding techniques
  - system monitoring
  - fluid condition
  - tools and measuring equipment
  - use of technical reference information
3. **Circuits and Symbols**
  - review of circuit symbols and circuit diagrams
  - examples of different circuit diagrams
  - circuit errors
  - 'truth tables' / 'solenoid charts'
4. **Accumulators**
  - basic principle of operation
  - back up bottles
  - safety and legislation
5. **Logic Elements**
  - basic function
  - different types (direction and pressure)
  - applications
6. **Proportional Valves**
  - basic function
  - command and feedback signals
  - diagnostic equipment
7. **Faults and Failures**
  - installation problems
  - cavitation and aeration
  - effects of temperature
  - causes of failures
8. **Hydraulic Oil**
  - contamination control
  - condition monitoring
  - sampling methods
9. **Practical Exercises (in-house training rigs)**
  - practical exercises to identify and rectify faults
  - practise fault finding techniques
  - use of measuring equipment
10. **Safety**
  - general safety, personal hygiene and handling of oils
  - risk assessments
  - safe systems of work

Level 2 training - please refer to entry requirements.

**ACCUMULATOR COMPETENCE TRAINING COURSE (1 DAY): Typical Content**

1. **Introduction - Review of the basic principles of Fluid Power Systems**
  - important characteristics of hydraulic systems
  - basic principles that underpin hydraulic systems
  - the importance of fluid cleanliness
  - Pascal's Law, useful formulas
2. **Introduction to accumulators**
  - history and developments
  - basic operating principles
3. **Gas charged accumulators**
  - gas laws and operating principles
  - nitrogen
  - compressibility
  - gas cylinder - supply options
  - safe working with Nitrogen
4. **Gas charged accumulator types**
  - understanding common terms
  - details of operation of - Diaphragm, Bladder and Piston accumulators
  - back-up gas bottles
  - safety equipment associated with accumulator systems
  - charging kit
  - the gas charging process
  - sources of information
5. **The Pressure System Safety Regulations**
  - the responsibility of users and owners of systems
  - the written scheme of examination
  - drawing up a written scheme of examination
6. **Application examples**
  - various examples
7. **Practical exercises**
  - practical exercises to support the topics
  - practice gas charging
  - build accumulator circuits

Level 2 training - please refer to entry requirements.

**SERVO & PROPORTIONAL HYDRAULICS TRAINING COURSE (3 Day)**  
**TYPICAL CONTENT**

A copy of the Bosch Rexroth Vol 2 Training Manual, R900018626, Proportional and Servo Valve Technology, is included as part of the course material.

- 1. Proportional Hydraulics – An Introduction**
  - overview of 'on-off' control and its limitations
  - introduction to a 'proportional' alternative
- 2. How Proportional Valves control flow**
  - the proportional DCV spool
  - spool characteristics (flow rate, symmetry and notch shape)
  - symbol recognition
- 3. Proportional DCV's**
  - direct operated and pilot operated DCV's
  - feedback and non-feedback valves
  - describing valve performance in graphical form
- 4. Other Proportional Valves and Servo Valves**
  - proportional relief valves and proportional reducing valves
  - proportional flow control valves
  - pump and motor displacement controls
  - overview of high response proportional and servo valves
- 5. Control Systems, Input and Output Signals**
  - construction and characteristics of a proportional solenoid
  - role of the amplifier (deadband compensation, ramp and dither)
  - input signals and gain control
  - valve spool feedback transducers and 'internal closed loop' control
  - PID control
  - overview of pulse width modulation
  - valves with integral amplifiers
- 6. Proportional Valves used in real circuits**
  - oil cleanliness requirements
  - using pressure compensators
  - solenoid air bleeds
  - effect of proportional valves on load control valves
- 7. Practical Work**
  - proportional and bang-bang solenoid characteristics
  - force control, stroke control and hysteresis
  - proportionality/ramps with DCV and motor circuit
  - proportional relief valve performance
  - deadband compensation and gain control
  - cylinder velocity profile control with 4/3 proportional DCV

\*Level 2 training - please refer to entry requirements.

**BASIC HYDRAULIC DESIGN TRAINING COURSE (3 Day) Dates on Request**

**TYPICAL CONTENT**

**1. Determining the Load**

- size, volume, density, and mass
- calculating force and acceleration
- effects of gravity
- effects of static and sliding friction
- calculating torque
- calculating rotational speed

**2. Sizing the Actuator**

- cylinder sizing
- rod buckling load calculation
- motor sizing
- use of step-up and step-down gearboxes

**3. Planning and Duty Cycle**

- flow-time graphical representation
- pressure-time graphical representation

**4. Control Valve Selection**

- directional valve selection from graphical characteristic curves
- open-centre and closed centre 'mobile' multi-function valves
- PO Check valve pilot pressure calculation
- counterbalance and overcentre valve selection and pilot pressure calculation
- logic valve sizing (including area ratios) and pilot pressure calculations

**5. Sizing the Power-Pack (Pump, Prime Mover and Reservoir)**

- pump sizing and selection
- prime mover selection (electric motors & diesel engines)
- reservoir sizing
- reservoir layout and internal construction

**6. Throttling**

- orifice calculation
- calculating intensification for meter-out throttling applications
- proportional/mobile valve spool selection from graphical performance curves

**7. Heating and Cooling**

- Fluid selection (choosing viscosity grade for ambient temperature)
- Cooling calculations (including ambient radiation from reservoirs)
- Heating calculations

**8. Sizing Pipework and Hoses**

- Calculating pipe & hose internal diameter
- Calculating change of pressure drop due to changes in flowrate

**9. Turbulent Flow Flushing**

- calculating turbulent flowrate for flushing

**10. Tips and Tricks to Improve Machine Performance**

- accumulator sizing calculations
- use of 2-stage relief valve for unloading and multiple pressure selection
- use of externally piloted 'unloader' valve for Hi-Lo pump systems and accumulator charging applications
- calculating cylinder regenerative ('regen') extension flow/speed

**11. Filter Placement**

- use of BFPA 'P5' process to determine filter placement

**12. Case Study**

- attendees will carry out a case study to design a typical hydraulic system incorporating the above topics

## **Level 2 Training**

- Fault Finding
- Accumulator Competence
- Proportional Hydraulics
- Basic Hydraulic Design

## **Entry Requirements**

Completion of the Basic Hydraulics course is strongly recommended prior to attending a Level 2 course. Alternatively, attendees must have sound knowledge/experience of:

- the basic principles that underpin all hydraulic systems (relationship between, pressure, flow, force, torque, speed, power);
- reading and interpreting circuit diagrams using current symbols;
- the function and operation of relief, sequence and pressure reducing valves;
- the principle of pressure compensation relating to flow control; operation of spool valves; gear, vane and piston pumps;
- characteristics of oils and contamination control;
- accumulators and their use, safety and legislation.



**A Bosch Company**

Bosch Rexroth Limited  
15 Cromwell Road  
St Neots, Cambridgeshire.  
PE19 2ES  
[www.boschrexroth.co.uk](http://www.boschrexroth.co.uk)  
[sales@boschrexroth.co.uk](mailto:sales@boschrexroth.co.uk)  
Tel: (0)345 6044106