

MAINTENANCE AND ENGINEERING | COURSE BROCHURE

Lubrication Management

5 days | Classroom training | English

SMART HORIZON

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London W2 6BD, United Kingdom

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Course content

Why attend

Poor lubrication is one of the most common causes of machine failure. This course covers lubrication fundamentals, lubricant selection, storage and handling, contamination control, lubrication routes and schedules, oil analysis, automatic lubrication systems and building a world-class lubrication programme.

Lubrication is simple to improve and delivers fast reliability gains. You will learn to set up a disciplined lubrication programme.

Professional Problems This Course Is Designed to Solve

- Difficulty translating subject knowledge into practical workplace decisions.
- Inconsistent approaches to the activities covered in the course outline.
- Lack of a structured plan for applying and reviewing new skills.

Course methodology

Lubricant selection exercises, storage audits, oil analysis interpretation and programme design.

Course objectives

By the end of this course, participants will be able to:
- Explain lubrication principles and regimes
- Select appropriate lubricants
- Store and handle lubricants correctly
- Control contamination
- Design lubrication routes and schedules
- Use oil analysis to guide maintenance

Target audience

This course is suitable for:
- Maintenance technicians
- Lubrication technicians
- Reliability engineers
- Maintenance planners
- Plant supervisors



Course content

Target competencies

Participants will develop competencies in:

- Lubricant selection
- Contamination control
- Route planning
- Oil analysis
- Programme management

Course outline

Day 1: Lubrication Fundamentals

09:00–10:08	Friction and wear
10:08–11:00	Lubrication regimes
11:00–11:30	**Coffee break**
11:30–11:45	Lubrication regimes (continued)
11:45–12:53	Lubricant types
12:53–14:00	Exercise

Day 2: Selection

09:00–10:08	Viscosity
10:08–11:00	Additives
11:00–11:30	**Coffee break**
11:30–11:45	Additives (continued)
11:45–12:53	Greases
12:53–14:00	Workshop

Day 3: Storage and Contamination

09:00–10:08	Storage practices
10:08–11:00	Filtration
11:00–11:30	**Coffee break**



Course content

11:30–11:45	Filtration (continued)
11:45–12:53	Moisture and particles
12:53–14:00	Audit exercise

Day 4: Routes and Methods

09:00–10:08	Lubrication routes
10:08–11:00	Quantities and frequencies
11:00–11:30	**Coffee break**
11:30–11:45	Quantities and frequencies (continued)
11:45–12:53	Automatic systems
12:53–14:00	Exercise

Day 5: Oil Analysis

09:00–10:08	Sampling
10:08–11:00	Interpreting results
11:00–11:30	**Coffee break**
11:30–11:45	Interpreting results (continued)
11:45–12:53	Programme metrics
12:53–14:00	Action plan

The timings provided are estimates and may vary depending on the number of participants and the discussions taking place during the sessions. They are indicative only and do not constitute a binding commitment.



Course content

Dates, venues and fees

Current published course plans. Fees are per participant in GBP, excluding unconfirmed taxes.

Venue	Start date	End date	Fee (GBP)
Istanbul Confirmed dates	9 Nov 2026	13 Nov 2026	**£5,300.–**
Online Confirmed dates	9 Nov 2026	13 Nov 2026	**£1,250.–**
London Confirmed dates	30 Nov 2026	4 Dec 2026	**£4,900.–**
Online Confirmed dates	30 Nov 2026	4 Dec 2026	**£1,250.–**
Cape Town Confirmed dates	4 Jan 2027	8 Jan 2027	**£3,780.–**
Online Confirmed dates	4 Jan 2027	8 Jan 2027	**£1,250.–**
Vienna Confirmed dates	25 Jan 2027	29 Jan 2027	**£5,880.–**
Online Confirmed dates	25 Jan 2027	29 Jan 2027	**£1,250.–**
Barcelona Confirmed dates	15 Feb 2027	19 Feb 2027	**£5,680.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	15 Feb 2027	19 Feb 2027	**£1,250.–**
Dubai Confirmed dates	1 Mar 2027	5 Mar 2027	**£6,300.–**
Online Confirmed dates	1 Mar 2027	5 Mar 2027	**£1,250.–**
Rome Confirmed dates	22 Mar 2027	26 Mar 2027	**£4,900.–**
Online Confirmed dates	22 Mar 2027	26 Mar 2027	**£1,250.–**
Kuala Lumpur Confirmed dates	12 Apr 2027	16 Apr 2027	**£2,900.–**
Online Confirmed dates	12 Apr 2027	16 Apr 2027	**£1,250.–**
Frankfurt Confirmed dates	3 May 2027	7 May 2027	**£5,300.–**
Online Confirmed dates	3 May 2027	7 May 2027	**£1,250.–**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Dubai Confirmed dates	24 May 2027	28 May 2027	**£6,300.-**
Online Confirmed dates	24 May 2027	28 May 2027	**£1,250.-**
Rome Confirmed dates	7 Jun 2027	11 Jun 2027	**£4,900.-**
Online Confirmed dates	7 Jun 2027	11 Jun 2027	**£1,250.-**
Cape Town Confirmed dates	28 Jun 2027	2 Jul 2027	**£3,780.-**
Online Confirmed dates	28 Jun 2027	2 Jul 2027	**£1,250.-**
Amsterdam Confirmed dates	19 Jul 2027	23 Jul 2027	**£5,080.-**
Online Confirmed dates	19 Jul 2027	23 Jul 2027	**£1,250.-**
Paris Confirmed dates	9 Aug 2027	13 Aug 2027	**£5,720.-**



Course content

Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
Online Confirmed dates	9 Aug 2027	13 Aug 2027	**£1,250.-**
Rome Confirmed dates	30 Aug 2027	3 Sept 2027	**£4,900.-**
Online Confirmed dates	30 Aug 2027	3 Sept 2027	**£1,250.-**
Cape Town Confirmed dates	13 Sept 2027	17 Sept 2027	**£3,780.-**
Online Confirmed dates	13 Sept 2027	17 Sept 2027	**£1,250.-**
Vienna Confirmed dates	4 Oct 2027	8 Oct 2027	**£5,880.-**
Online Confirmed dates	4 Oct 2027	8 Oct 2027	**£1,250.-**
Barcelona Confirmed dates	25 Oct 2027	29 Oct 2027	**£5,680.-**
Online Confirmed dates	25 Oct 2027	29 Oct 2027	**£1,250.-**



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Dates, venues and fees (continued)

Venue	Start date	End date	Fee (GBP)
London Confirmed dates	15 Nov 2027	19 Nov 2027	**£4,900.-**
Online Confirmed dates	15 Nov 2027	19 Nov 2027	**£1,250.-**
Dubai Confirmed dates	6 Dec 2027	10 Dec 2027	**£6,300.-**
Online Confirmed dates	6 Dec 2027	10 Dec 2027	**£1,250.-**

Plan your next step

Dates, availability, exact venue, taxes, inclusions and payment terms require written confirmation. This brochure is not a quotation, registration, booking confirmation or visa invitation. Participants receive a Smart Horizon UK certificate of attendance; programmes are not externally accredited and do not award a professional qualification or designation. Confirm arrangements before booking travel.

For group or in-house training, contact our learning team to discuss your objectives and delivery arrangements.

Contact Smart Horizon

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View the latest course details online