



BLEN Enterprises Ltd
Training Division

Soluble Cutting Fluids L201
Introduction to Soluble Fluids Structure
and Performance in Machining Operations

A One Day Short Course

Woodbury Park, Exeter, United Kingdom

Eur Ing Eric A Elwell CEng MIMechE MIEE

Eur Ing Eric A Elwell is a practicing Professional Engineer with 25 years experience in lubrication, sales, marketing and management. Mobil, an international oil company famous for their commitment to business-to-business customer support and management programmes, employed him in various capacities.

He has been engaged in front line customer problem solving and support to external customers, and managed a team of professional engineers in the provision of a design based consultancy support service delivering to major original equipment manufacturers on lubrication matters. He was a central member of several Key Account teams, accountable for the development and delivery of the marketing and technical content of the programme, whilst also developing PR and customer relationships.

Formal qualification in sales and marketing led to roles as Industry manager, where he was responsible for the rejuvenation of a long standing range of special and premium lubricants, the results being sustainable year on year growth. Also, he has developed sales and marketing material for new product ranges to support sales in developing markets both in the UK and Europe. He currently manages his own consultancy service, Advance Lubrication, specialising in lubrication and sales and marketing.

This course is one of a series developed by BLEN Enterprises Limited. The directors, and principal shareholders, of BLEN are Eamon Bermingham and Dr Leslie Henshall who have many years experience in the petrochemical/manufacturing and University sectors respectively. Further details about BLEN, Eamon and Les can be found on the company website www.blenenterprises.com

Soluble Cutting Fluids L201

Introduction to Soluble Fluids Structure and Performance in Machining Operations

The Course

The courses on the Soluble Cutting Fluids and their applications provide a thorough technical grounding. The courses are delivered via interactive demonstrations and workshops, question and answer sessions with some formal presentation material, and exercises.

This module is an introduction to soluble fluids, in particular their structure and specification, and how they perform in machining operations. This course is suitable both for suppliers and distributors of soluble cutting fluids who would benefit from the up-dating of their knowledge from an experienced expert, and for staff in companies who are responsible for the specification, selection and operational control of water soluble products in their machining operations.

Course Outline

- Historical perspective on water soluble and neat fluids.
- Soluble fluid constituents.
- Influence of water composition and proportion.
- Emulsion types.
- Preparation of emulsions.
- The cutting operation and material machinability
- Cutting fluid requirements of the different machining operations.
- Cutting fluid condition monitoring and causes of degradation.
- Storage & handling.
- Health & safety.

Key Information

The cost is GB £245-00 per person {+ UK Value Added Tax at 17.5%}, which includes notes, lunches and light refreshments. The cost of accommodation is not included. *A group discount is available – see Registration Form for details.*

The Course will start at 09:30 and end at approximately 16:00. There will be a coffee and tea break in the morning and afternoon, and lunch will be provided.

Full joining instructions will be issued to participants approximately one week before the event.

BLEN Training courses can also be delivered at alternative venues or as bespoke in-house presentations. For further details, contact Eamon Bermingham or Leslie Henshall.

Who should attend?

The course is particularly directed towards those who are responsible for either the distribution and supply of Soluble Cutting Fluids, or their specification, selection and operational control.

The Venue

Woodbury Park

The course will be held at Woodbury Park Hotel, which is approximately eight miles from Exeter by road. This is also home to the Nigel Mansell World of Racing Museum and Exhibition.

Communication between Exeter and other parts of the United Kingdom are excellent. By road, the M5 motorway links Exeter to London, the Midlands, Scotland and Wales. Regular rapid coaches run services to and from London and Heathrow Airport. By rail, a regular fast service is available to and from Exeter (St David's Station) and London (Paddington Station). By air, Exeter Airport offers regular flights to many British and Continental destinations and is situated near to Woodbury Park. Travel between Exeter and Woodbury normally requires a car or taxi.

Woodbury Park Hotel

Woodbury Castle

Woodbury

Near Exeter

Tel 01395 233382

Devon EX5 1JJ

Fax 01395 233384

United Kingdom

Delegates are responsible for the arrangement and payment of their own travel and accommodation. Delegates wishing to take advantage of preferential room rates should contact Woodbury Park Hotel Reservations quoting 'MIRCE'.

A list of alternative accommodation in other hotels and guesthouses in the vicinity is available from BLEN Enterprises Ltd on request.

BLEN Enterprises Limited

27 Cherry Tree Road

Beaconsfield

Bucks HP9 1BN, United Kingdom



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www.blenenterprises.com

Introduction to Soluble Fluids L201 - Registration Form

Fax on +44 (0) 1494 678 504 or Mail to BLEN Enterprises Limited, 27 Cherry Tree Road, Beaconsfield, Buckinghamshire, HP9 1BN, United Kingdom

Course Fees

Standard delegate fees:

GB £245-00 (+VAT @ 17.5%) Total £287.88

This fee covers all tuition, course materials lunch and light refreshments.

10% Group Discount

GB £220 (+VAT @ 17.5%) Total £258.50

When two or more delegates from one organisation register for the course, there is a 10% discount available for the second and additional delegates.

Substitution and Cancellation

Substitution of participants may be made at any time. If you intend to do this, please advise BLEN Enterprises Ltd as soon as possible. Cancellation of a booking must be received in writing by the organiser at least 7 days before the commencement of the course. BLEN Enterprises Ltd regrets that no refunds or credits will be made after the deadline unless the course is cancelled by the organiser.

The organiser reserves the right to alter the programme or cancel the course at its discretion.

PAYMENT DETAILS

Please invoice my organisation

For the attention of _____

Purchase Order No. _____

Please find enclosed a cheque for £ _____
(Made payable to BLEN Enterprises Ltd)

Please charge credit card

Visa Mastercard Amex

Card No. _____ Expiry Date _____

PERSONAL DETAILS

Please print clearly

Surname _____

First name _____

Position _____

Department _____

Organisation _____

Address _____

Postcode _____ Country _____

Tel _____ Fax _____

E-mail _____

Home Address _____

Tel _____ Fax _____

E-mail _____

Address for correspondence Home Work

Special requirements Yes No
Please specify

I understand and accept the registration terms and conditions as shown

Signature _____ Date _____