



PENNINE
LUBRICANTS



PROCARE
FLUID MANAGEMENT



Our metalworking fluids are blended to provide optimum performance for all applications and careful monitoring of them through our PROCARE Fluid Management service will return many benefits, including:

- Increased life of the fluids
- Improved product performance and manufacturing quality
- Reduced waste disposal costs
- Assists with HSE recommendations

PROCARE Fluid Management Service

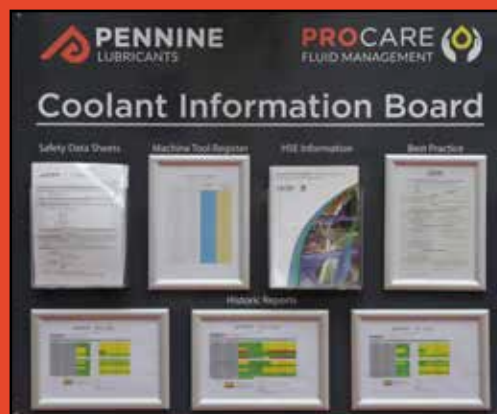
Our PROCARE Fluid Management Service has been tailored into a modular platform providing the user with a range of services to meet individual requirements and budgets. The services are designed to help our customers use and maintain products efficiently, economically and safely.

This service includes:

- Coolant Monitoring - In line with the latest HSE recommendations, routine testing for dilution, pH, temperature, tramp oil and general condition.
- Dipslide Testing - Conducted in accordance with HSE guidelines; dipslide testing checks for bacterial and fungal contamination which may be present in metalworking fluids.
- Machine Cleaning - Professional and effective deep cleaning of contaminated coolant sumps, carried out by a dedicated PROCARE service engineer.
- Supply of Coolant Information Board - Providing a dedicated focal point for historic reports, Safety Data Sheets, HSE guidelines and machine tool sump volumes to assist with additions and remedial actions.
- Electronic Service Reports - Reports emailed through adopting a traffic light system, highlighting systems requiring remedial actions.
- Equipment - Advice and assistance on a full range of metalworking fluid equipment.

We manufacture and supply a comprehensive range of water soluble metalworking fluids, including;

- High oil content, high performance emulsions
- Low and medium oil content, semi-synthetic micro emulsions
- Full synthetic (mineral oil free) solutions
- High performance chlorine-free formulations
- New generation Boron and Formaldehyde release biocide-free products
- Rolls Royce approved
- Products designed for hard and soft make up waters
- Ultra-low foaming grades for high pressure applications



PROCARE Coolant Information Board

Our PROCARE service plans have been carefully developed to assist customers in meeting the latest metalworking fluid recommendations, as endorsed by the HSE.



PROCARE Service Plans

	Enterprise	Alliance	Ultimate
	<p>The Enterprise service plan is relied on by many metalworking fluid users and includes tests for pH and dilution.</p>	<p>The Alliance service plan includes dipslide testing and supply of a Coolant Information Board, chemical storage, training and certification for all operatives.</p>	<p>The Ultimate service plan includes follow up service call for remedial actions, system treatments and supply of monitoring equipment to assist in-house testing.</p>
Pre-agreed service frequency	✓	✓	✓
pH & dilution testing	✓	✓	✓
Results recorded	✓	✓	✓
Remedial actions discussed onsite	✓	✓	✓
Automatic mixers recalibrated	✓	✓	✓
Dipslide testing	✗	✓	✓
Supply Coolant Information Board	✗	✓	✓
Monitoring reports emailed to nominated personnel	✗	✓	✓
MWF best practice training & certification	✗	✓	✓
Chemical storage cabinet for safe storage of system treatments	✗	✓	✓
Follow up visit for remedial actions & system treatments	✗	✗	✓
Supply of hand refractometers & pH testing kits	PURCHASED SEPARATELY	PURCHASED SEPARATELY	✓
System treatments	PURCHASED SEPARATELY	PURCHASED SEPARATELY	✓

Machine Cleaning & Equipment

The performance and efficiency of the metalworking fluids we manufacture and supply can be greatly enhanced when applied correctly. We have developed a range of services and equipment to support this.

Service & Equipment Available:

- Professional machine tool sump cleaning service
- Highly complex soluble oil mixer units
- Bespoke ring main coolant distribution systems
- Automated coolant top-up systems
- Colour coded mobile oil dispensers
- Wide range of tramp oil removal systems
- Filtration systems and equipment
- Coolant removal and recycling equipment

01. Installation of a mobile Tramp Oil Separator
02. Removal of tramp oil from the surface of the coolant
03. Tramp oil has been removed, leaving clean coolant
04. Coolant removal/recycling using high performance vacuum
05. Deep cleaning of machine tools
06. Refilling of coolant via ring main distribution system

01



04



02



05



03



06





“It’s fair to say that since Pennine has come on board the records are good, we get a monthly report as part of the PROCARE Fluid Management service and with that I feel confident that all our machines are being well looked after and supported by Pennine Lubricants.”

Keith Yarnold, Operations Director, Special Machined Products Ltd



Metalworking
Fluids



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PROCARE 
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Certificate
Number 9480
ISO 9001