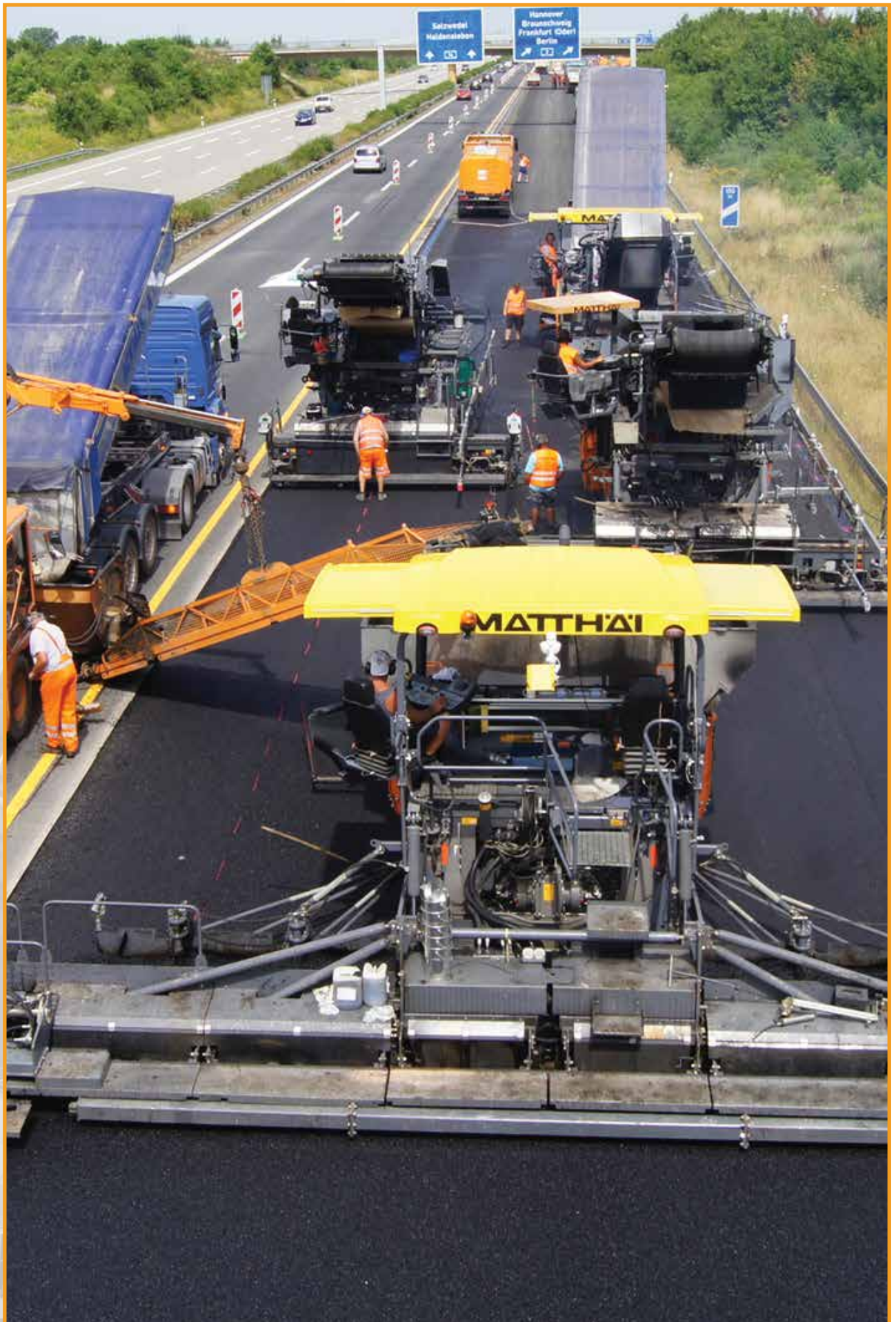


CIVIL ENGINEERING





About DMB Fluid Technologies

Our products and services are engineered solutions.

Our focus is to be at the forefront of innovation and industry leadership.

Our goal is to provide flexible, practical and efficient product and service solutions.

Our customers are large and small companies seeking an understanding, co-operative and effective approach to their requirements.

Our values:

- Safety
- Quality
- Environment
- Efficiency
- Integrity
- Respect
- Flexibility
- Delivery

Our Capabilities

We provide solutions to your hydrocarbon management, refuelling, lubrication, fire protection, accessories and spare part requirements. From a grease gun to an integrated auto lubrication system, from a fire extinguisher accessory to a purpose designed integrated fire suppression system, from that hard to find spare part to an onboard load weighing system.

Principles

DMB Fluid Technologies excel by:

- Working with the customer to clearly identify their expected needs, outcomes and objectives.
- Scoping, managing and executing work in a cost and time effective manner whilst providing a practical and quality solution.
- Minimising customer costs by utilising efficient, experienced and dedicated personnel
- Maintaining a flexible, amicable and professional approach with our customers
- Maintain a clear focus, and the requirement for all stakeholders to value sound principles of Quality, Safety and Environment

Commitment to Quality, Safety and the Environment

You should expect that an expert in hydrocarbon management, lubrication and fire safety consultant would be concerned with quality, safety and the environment given the inherent risks associated with the Civil Engineering industry, impact on operational performance and potential contamination risk.

The administrative systems of DMB Fluid Technologies have been assessed and approved by QAS International to the below management systems, standards and guidelines.



Personnel

Our personnel have extensive industry experience and exposure.

Individually they have specific areas of expertise, when combined with a practical and flexible approach, allow DMB Fluid Technologies to successfully undertake a broad spectrum of activities within the industry.

Unlike many industry participants, our personnel are permanent fulltime employees that critically enable us to retain complete history of previous industry projects.

Management Teams

Our management team have in excess of a combined 40 year industry experience with fixed and mobile plant lubrication systems, hydrocarbon management and accessories sales and service.

AREAS OF EXPERTISE

Lincoln & SKF Auto-Lubrication Systems

Lubrication for Fixed and Mobile Plant

DMB Fluid Technologies' success has been brought about by our ceaseless commitment to innovation and quality while partnering with industry leaders.

We have long recognised the superior quality and performance that Lincoln and SKF lubrication products and systems offer.

Our confidence that the solutions we recommend to you will be the best available, is based on Lincoln and SKF's geographical reach, support and multi-generational investment in friction reduction and tribology. The technical applications of their products extends to multiple platforms, including bearings, lubrication systems, seals, mechatronics and services.

Our dedicated engineering and service teams will ensure that your needs are analysed prior to developing the most cost effective and practical solutions available.

The recommendations of DMB Fluid Technologies will ensure your mobile plant and equipment will have grease lubricant applied at the precise amount and intervals required, free of contaminants in order to maximise the operational efficiency and working life of your asset.



Fire AFFF / Protecfire / Extinguishers



Fire Extinguishers

DMB Fire Tech is the registered business name and brand name of our extensive size and purpose range of fire extinguishers, approved to AS/NZS 1841.5.

Fire Suppression

DMB Fluid Technologies are proud to have been selected as the Australian distributor by Protecfire GMBH of Germany for their revolutionary detexline fire suppression system.

This patented system utilises a single line for both detection and extinguishing functions, resulting in the saving of material, installation costs and requiring a smaller footprint within the protected zone.



Detexline fire suppression system

When activated, this system will extinguish the fire by expelling the mousseal AFFF across the surface, impregnating and moisturising the solid fire and heat source, effectively sealing the area, blocking the thermal source and preventing the possibility of reignition.

DMB Fire Tech also offer traditional AFFF Fire Suppression systems.



DMB Fire Tech's range of extinguishers

Onboard Load Weighing Systems



Outset: on-board weight control solutions

A common issue within the transport sector is the overloading of transportation vehicles. Overloading is costly, as it can incur unnecessary overload fines. It can also cause premature failure of machinery due to exceeding specified loads. On the other hand, short loading can equally be expensive and inefficient.

Onboard weighing systems allow for peace of mind when weigh bridges are not easily accessible, by providing the operator with accurate load values in real time.

Our technical consultants can provide solutions for your specific needs regardless of your equipment suspension. pneumatic, hydraulic, mechanical front leaf and rear tipper applications are all possible.

Key Products include:

- Wireless truck scales
- Loader scales
- Excavator scales
- Forklift scales
- Offroad haul trucks
- Conveyor load cells

Industry Applications

Mining - Onboard machinery scales give an accurate indication of mine site productivity, and visibility over possible vehicle misuse. External load lamp indicators provide operators with guidance on material loading.

Agriculture - Maximising loads is important for costs and productivity. A simple change to levels of moisture can dramatically change the weight of a crop or product loaded. Take the guess work out of loading allowing your product to move quickly.

Transport - With Outset onboard truck weighing systems, the driver is in complete control. Wireless in-cabin displays are designed to be mobile, flexible with fleet size, and easy to use. They provide uncompromising accuracy and reliability.

Quarries - Wheel loaders and excavators are a key link in the quarrying production chain. DMB Fluid Technologies understands this and offers accurate and easy to use onboard scales designed for loading transportation correctly the first time, every time.

Material Handling - Loadsense and Beltway scales are highly respected load cell assemblies carrying OMIL certification. Used primarily for conveyor belt scales, they are accurate, easy to maintain and flexible in their installation.



Tyre Pressure Monitoring System

TPMS technology enables the real time monitoring of tyre pressure and temperature readings for trucks and transport vehicles carrying trailer configurations up to and including 38 tyres.

The visual display screen installed in the cab enables the driver to be constantly aware of tyre conditions that may impact safe vehicle operation and assist to eliminate excessive fuel usage as a result of poor tyre condition. A further features enables the TPMS display to be configured with the vehicles GPS system if fitted, thus enabling all data and alarm functions to be sent back to head office.



Alarm Functions

- High Temperature Alarm issued when the temperature exceeds 90°C
- Low Pressure Level 1 Alarm issued when tyre pressure is 12.5% lower than the standard pressure
- Low Pressure Level 2 Alarm issued when tyre pressure is 25% lower than the standard pressure
- Low Pressure Level 3 Alarm issued when tyre pressure is 50% lower than the standard pressure
- High Pressure Alarm issued when tyre pressure is 25% higher than the standard pressure
- Fast Leak Alarm issued when pressure inside the tyre drops more than 3psi within 12 seconds
- Transmitter Trouble Alarm issued when sensor fails to work or the signal is interrupted



Advantages

- Extensive alarm functions and configuration
- Display connects to continuous power to ensure full-time monitoring
- Design of the whole system matches the truck perfectly
- Monitoring up to 38 wheels
- Smart Booster allows long-distance radio communication
- Hand Tool and Smart Booster can communicate to configure and view the sensors installed on the trailer
- Simple operation for function programming and inquiry
- Data transmission through GPS



CCTV for Mobile Equipment



Manoeuvring of plant and trucks in yards can be fraught with hazards for both operators and ground personnel. Black spot Closed Circuit Television or CCTV, can be used to minimise the risk of damage to property and the prevention of injury.

When used in conjunction with existing safety devices and processes, CCTV can increase productivity, as vehicles can be moved with greater precision.

Common Equipment

- Mining and construction equipment
- Tower and container cranes
- Forklifts and material handling equipment
- Transport equipment and public transport



CCTV application on an excavator

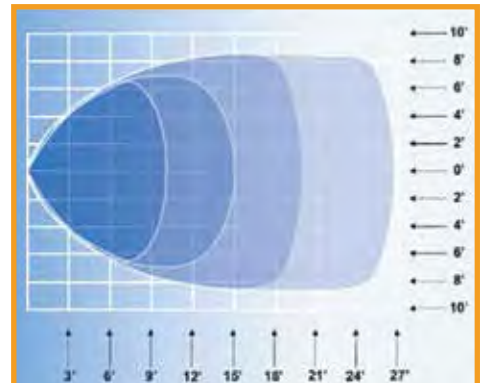
Proximity & Collision Avoidance



Rearsense - Obstacle Detection

Our radar obstacle detection alarm is big on safety.

- Radar detects stationary and moving objects, alerts the driver in the cabin with both sound and lights, getting progressively louder as the object gets closer
- The sensor can be bolted to the vehicle body, hung on a bracket or mounted out of sight behind any non-metallic surface
- The display unit is small and easily mounted in the cab
- Three different noise level settings in the cab
- Choose from 3 metre, 5 metre, 6 metre or 8 metre coverage areas
- Rugged design - super reliable and unaffected by continuous vibration, moisture, heat, cold, sun glare or dirt
- Functions in all weather and lighting conditions



Rearsense - Reversing Alarm

Our reversing external alarm is small on noise.

Turn the noise down without compromising on safety - that way you can work early mornings, late evenings and weekends with no noise complaints.

- This broadband sound alarm dissipates faster and is localised so that sound doesn't carry
- Rugged design - super reliable and unaffected by continuous vibration, moisture, heat, cold, sun glare and dirt
- Reduces hearing damage - the warning tones are noticeable, yet they are gentle on the ear



Hydrocarbon Connection Systems - HCS

Oil Filling and Evacuation Tools

DMB Fluid Technologies have developed an integrated system for the management of hydrocarbon products with our range of dry-break couplers, specifically designed and proven to meet the mining industries best practices.

Our Australian designed range of remote service points provide a vast combination to suit any application, including bulkhead mounting to ease installation.

DMB Fluid Technologies also has the capacity to service existing infrastructure with our purpose built repair and testing facility.

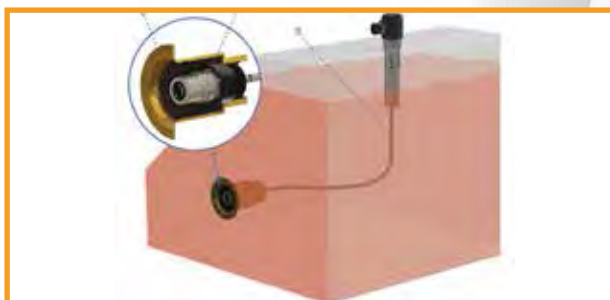


HCS Uniclip

Our HCS Uniclip Series of Oil / Evac nozzles and receivers eliminate the possibility of cross contamination of fluids, minimise down time and maximise production. Each of the nozzles and receivers interlock only with the corresponding colour coordinated connector, all being evacuated by a single tool.



Diesel Fuelling Accessories



Pressureless Filling

PERT Oil Evacuation System

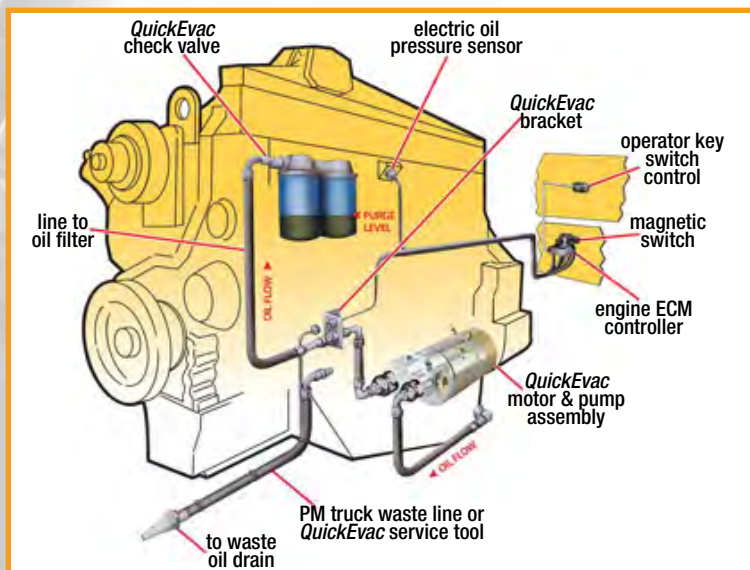
Critical to the lifespan of a diesel engine is the quality of its lubrication. With today's productivity requirements, service methods and times are a crucial key to this success.

RPM Industries and DMB Fluid Technologies recognise this element, providing a system that allows simple oil and filter changes in less than 20 minutes. All from a single access point.



This means:

- **Safety & Ergonomics** - The system puts technician safety first by purging filters and evacuating the sump with no crawling, climbing or dealing with dangerous oil spills.
- **Environmental Protection** - The system transfers waste oil from the engine directly into final containment. No pans, no mess, leak free and worry free every time.
- **Savings** - The system saves time and money and can pay for itself in less than a year.
- **Contamination Control** - This unique refill process minimises contamination risks. The QuickEvac system refills the fresh oil through the new engine filter on its way to the engine's sump, thus ensuring the new oil is really 'clean' before being circulated through the engine's oil galleries.
- **Speed** - Complete engine oil and filter changes in less than 20 minutes. QuickEvac system empties most engines in 60 seconds or less.
- **Pre-Lubrication** - The system eliminates dry starts and extends engine life.
- **Data Management** - Each service is automatically time stamped for easy record keeping.



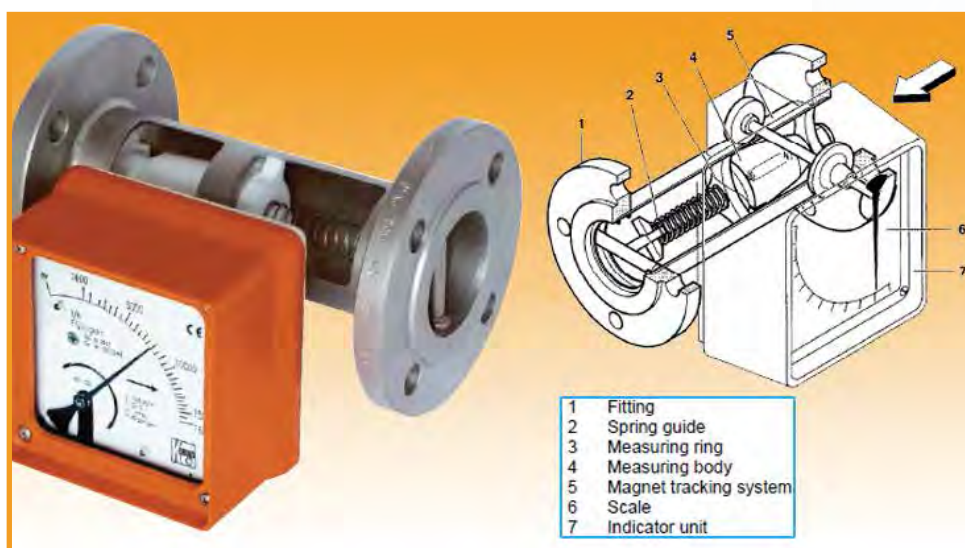
Measurement, Monitoring & Analysis Instrumentation



DMB Fluid Technologies association with Kobold Messering GMBH.

The range of measuring, monitoring and analysis instrumentation products cover:

- Flow
- Pressure
- Level
- Temperature
- PH ORP
- Conductivity
- Humidity
- Density
- Turbidity
- Rotation Transmitters
- Rotational Speed
- Time Measurement



Eurolube



Eurolube is a Swedish company specialising in the manufacture, distribution, and support of environmentally friendly products. Offering tailor made professional solutions for the handling of lubricants and fluids to partners in more than 40 countries.

Our Vision:

Eurolube is dedicated to quality solutions and support for the lubricant and fluid handling sector.

This is achieved by developing, manufacturing and supplying products that pump, measure and dose lubricants and fluids, and by delivering these solutions in the most economical and cost efficient manner.

Operation

Eurolube delivers high quality turnkey solutions for professional and environmentally friendly handling of lubricants and fluids. These may include air operated pumps and accessories, and advanced electronic devices for metering and measuring. This results in precise control of dosage and flow measurement. The Lube-Master system is capable of connecting to existing and proposed management systems to evaluate performance and reporting.



Eurolube



Sales of Accessories & Parts

DMBFT hold several million dollars of inventory including but not limited to the following broad grouping of spare parts and accessories:

- Injectors
- Injector manifold blocks
- Reciprocating timer 24 VDC
- Solenoid and coil kits
- Pressure control valves
- Flow control valves
- Hydraulic operated vent valves
- Air operated vent valves
- Autolube controllers
- Pressure switches
- Grease relief valves
- Pressure gauges
- Grease hose, high pressure, field attachable hose tail
- JIC fittings
- Compression fittings
- Compression hose studs
- Grease manifold blocks
- Quick lube grease pumps
- Dividing blocks
- Quick lube injectors and fittings
- Seal kits



Our warehouse full of accessories etc.

Design, Installation, Service & Parts

A permanent, dedicated and fully qualified engineering team.

Experienced and qualified service technicians are able to conduct on a range of installation, service, and warranty programs on proprietary equipment.

DMB Fluid Technologies have established a 100m² purpose designed clean room consisting of 6 separate service bays for the stripping and service of pumps and equipment.

Mobile fleet of dedicated service vehicles that are fully equipped to operate as mobile workshops.



Further Information

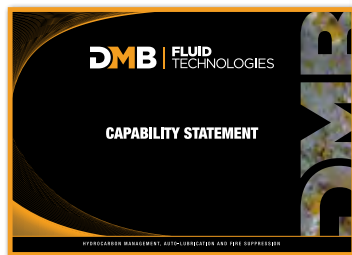
This capability statement provides an overview of our services and experience.

Please contact us to discuss your particular requirements and situation to enable our team to determine how we can assist you.

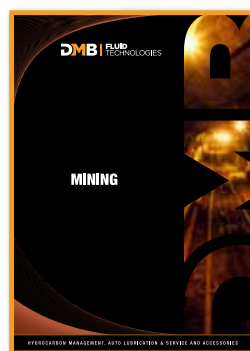
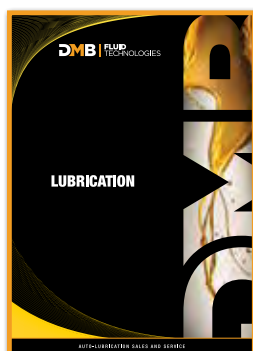
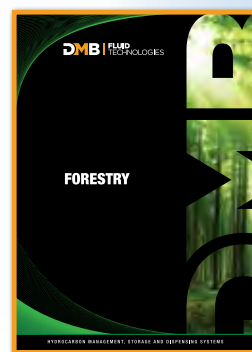
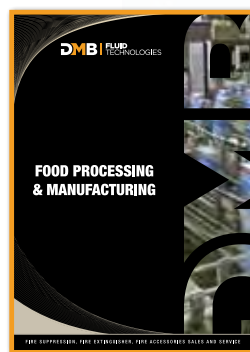
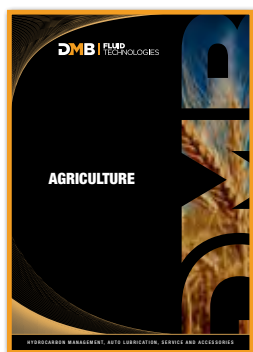
DMB Fluid Technologies look forward to partnering with you and contributing to the success of your business.



Corporate Sector Brochures



Industry Brochures



DMB | **FLUID** TECHNOLOGIES



8 ALICE STREET

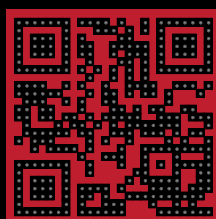
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