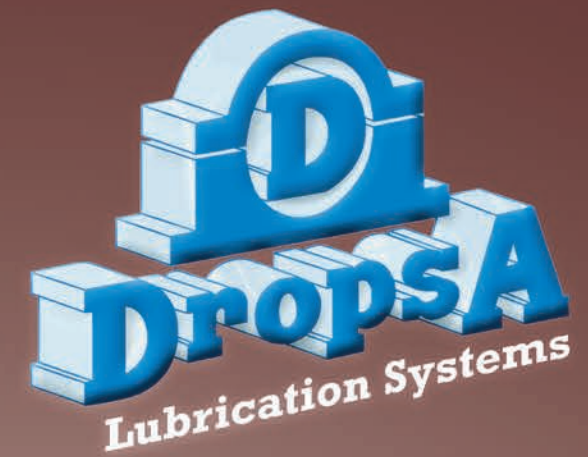


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Problems



Customized Lubrication Systems



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MQL
Technology Brochure



MiQueL Systems

Raising the Bar

This air-oil system is designed for minimum quantity lubrication application in near-dry machining lubrication, meaning it uses VERY LITTLE OIL. This application is perfect for steel mills, CNC or saw metal cutting and systems that need a calibrated lubrication with controlled functions. Up to 8 elements can be connected and individually controlled via an integrated solenoid. Oil delivery can be maintained even if the input and output pressures are not constant.

No Mess, No Fuss

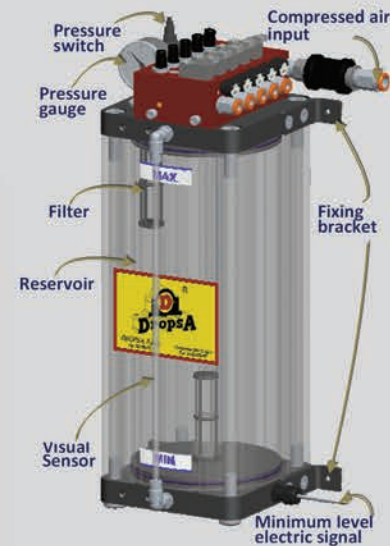
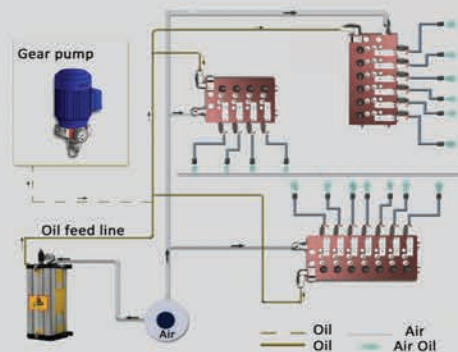
The system produces little to no liquid, instead **RELEASING A TRANSPARENT AND MOSTLY UNNOTICEABLE AIR-OIL MIXTURE**. It can include a scavenge device that rapidly recoils oil from the delivery line to **PREVENT LUBRICATION DRIP** when powered down. On top of this, the MiQueL system produces **DRY CHIPS**, enabling easy recycling without having to worry about cleaning and drying chips.

Benefits to Take to the Bank

Increased efficiency means **FASTER PRODUCTION SPEEDS AND OUTPUT**. The advanced technology has also been known to **INCREASE TOOL LIFE BY UPWARDS OF 20%**. Each part is also produced dry, creating a safer environment that can **LOWER PRODUCTION COSTS**.

External MiQueL Systems

For those who need more than 8 elements or need to lubricate a large area, DropsA also features the MiQueL near-dry technology as an external version.



Coolant is eliminated

Cycle times are reduced

Tool life is increased

The Proof is in the Oil...

Like a Well-Oiled Machine

DropsA is number one when it comes to producing centralized lubrication systems and has had 60 years to research, develop and **PERFECT** the oils used in Near-Dry Machine technology. Our oils are engineered well for the machining industry, are compatible with most systems and are known to extend tool life while reducing cycle times.

Safety First

Because this is an air-oil system, not a mist system, the benefits are overwhelming. We do not create a mist and so the oil stays where it is needed. Skin irritation, allergic reactions, asthma, bronchitis and other respiratory difficulties are some health issues involved with using traditional fluids. Long-term exposure could also lead to cancer. Our products are designed with safety in mind and have passed stringent safety requirements by leading manufacturers. By eliminating water-borne bacteria and using minimal amounts of lubrication, the manufacturing environment becomes much safer. Our oils also meet the strict guidelines of EPA and OSHA.

