

DropsA

LUBRICATION SOLUTIONS PROVIDERS



INTERNATIONALLY SUPPORTED

DropsA

NORTH AMERICA

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OIL LUBRICATION

33V and DL Injectors

DropsA's injector product lines offer precise oil lubrication at an affordable price.



DL32 / DL33

33V



Oil Lubrication

Total loss oil lubrication effectively provides a thin oil film between moving parts which is renewed at regular intervals by an automated lubrication system. Complete, customizable solutions are available by DropsA to meet specified requirements.

Pump Packages

DropsA offers a variety of electric, pneumatic, hydraulic, and manual pump packages suitable for total loss oil lubrication solutions.

Smart3

Dragon X

340 Series

Smile

Piccola



GREASE LUBRICATION

Grease lubrication can be utilized in a variety of applications throughout many industries. DropsA's large selection of pump packages, distribution applications, and monitoring accessories offer a complete solution.

Dual Line System

A durable distribution method ideal for large lubrication systems. Due to DropsA's innovative modular design, expansion or removal of components is near effortless.



Dual Line

DL1

SMP

SMX

nPr

LocoPump S3

Bravo

Omega Pump

Polipump



234700 Series
Barrel Pump

989V2

Sumo II

Mini-Sumo II



Pump Packages

DropsA's pump package options (electric, pneumatic, hydraulic) offer a variety of possible solutions.

Progressive Systems

Divider solutions that provide precise lubricant output with extensive monitoring capabilities from a single cycle sensor.

MINIMUM QUANTITY LUBRICATION (MQL)

Near-dry machining (MQL) effectively replaces water based coolant and oil flood systems from the machining process. The MQL process utilizes an accurately controlled, compressed air stream which carries minimal quantities of oil in an "aerosol" format to the cutting surface. MQL guarantees continuous lubrication while providing the following benefits;



- Improved Work Environment**
- Cleaner / safer work environment
 - No haze in the air
 - No coolant on the floor
 - No coolant handling / disposal
 - No coolant filtration systems



- Improved System Processes**
- Reduces downtime
 - Increases Production
 - Clearly view parts when machining



Longer Tool Life



Improved Finished Product / Quality



- MaXtreme:** Through-tool MQL solution that generates a thin film of aerosol mixture to the cutting edge by utilizing a machine's existing fluid distribution channels.
- MiQuel:** External MQL solution with the ability to incorporate up to eight pumping elements, independent controls, and an oil compensation valve.
- MiQuel EXT:** Benefits of a MiQuel unit in a small footprint.



Drilling



Milling



Turning



Gun Drill



Sawing



Other App.

AIR-OIL LUBRICATION



- VIP4 Series**
- These compact solutions, with integrated controls and monitoring features, provide an optimal lubrication solution for high speed bearings, machine spindles, gears, and chains.



Air-Oil Lubrication consists of a source of filtered air that is utilized as a cooling agent at an end point while transporting minimal quantities of oil directly to the lubrication point. The oil injected into the air stream, at regular intervals, coats the surface with lubricant, thus reducing friction and wear.



RECIRCULATING OIL

Oil recirculation involves a continuous oil flow to the lubrication points. The oil is controlled by volume and temperature, collected through a drain network and returned to the supply tank, starting the process over again. The oil is therefore "recirculated" back to the point of lubrication. The key to a quality recirculation solution is precise regulation and monitoring of the lubricant supply at each lubrication point.



The new patented Flowmaster device developed by DropsA has an ingenious flow adjustment feature that allows precise regulation at both high, as well as, low flow rates. The volumetric nature of the rotating satellite verifies the exact volume of lubricant being circulated.



The new touch screen FACT controller allows for the simultaneous monitoring of multiple flowmasters, with the ability to reference historical trends and provide remote diagnostic access.

