LUBRETEC PRODUCT INFORMATION

Lubristation™ Alex

All in one Distribution and Conditioning system





The **Lubristation™ Alex** is a comprehensive **industrial lubricant management system** designed to ensure the purity and traceability of oils from storage to application. This **integrated unit** performs four essential functions by combining **controlled dispensing**, **high-efficiency filtration**, **moisture protection**, and **digital monitoring** within a single wall-mounted station.

To maintain peak fluid quality, the system utilizes a **closed-loop Filtration** for decontaminating reservoirs and includes an **air breather-dryer** to block airborne pollutants and moisture. Operators can track usage through **digital meters** and extract samples via a **dedicated port**, facilitating seamless integration into predictive maintenance programmes.

Visual assets confirm the system's **compact architecture**, showing its compatibility with standard **20 to 200-litre drums** and its use of **colour-coded identification** to prevent cross-contamination. Ultimately, this technology aims to **extend machinery lifespan** by eliminating the primary cause of industrial failure: fluid impurity.

Key functions

- Controlled and clean dispensing of industrial lubricants
- Integrated lubricant filtration during dispensing

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- Closed loop filtration of connected reservoirs
- Protection against airborne contamination and moisture
- Lubricant identification and cross-contamination prevention
- Lubricant consumption monitoring and traceability
- Oil condition monitoring via integrated sampling port

Technical features

Parameter	Specification
Dimensions	700 × 580 × 400 mm (H×W×D)
Weight	Approx. 40 kg
Max Air Pressure	4 bar (8 mm connection)
Air Supply Required	Min. 600 l/min dry air
Pump Consumption	Approx. 300 l/min
Standard Filtration	10 µ (Hydraulic rating)
Optional Filtration	3 µ High-efficiency cartridges
Max Viscosity	Up to 680 cSt (higher on request)
Fluid Types	Hydraulic, Gearbox, Engine oils
Drum Compatibility	20L, 50L, 200L OEM steel drums
IBC Compatibility	1000L IBC containers
Operating Temp.	10 to 40 °C (indoor installation)
Internal Hoses	High-pressure rubber hydraulic hoses
Suction & Return hose	Reinforced transparent PVC
Mounting	Wall mounted or IBC mounted

Lubricant conditioning and contamination control

- Filtration during dispensing ensures lubricant cleanliness at point of use
- Closed loop filtration allows decontamination of drums, tanks, or ibc containers
- Standard hydraulic filtration rating: 10 µ
- Optional high-efficiency filtration: 3 µ
- Industrial air breather-dryer filters incoming air from dust and moisture
- Breather size matched to reservoir volume

Lubricant identification: Lube id kit with 10 colour and symbol combinations. Compatible with OilSafe® and similar lubricant identification systems. Supports best practice contamination control and error prevention

Monitoring and diagnostics: Digital oil consumption meter for usage tracking and totalisation. Integrated lubricant sampling port, standard m16 × 1. Supports oil analysis and condition monitoring programmes

System anatomy



① Heavy-Duty Industrial Air Piston Pump
② Integrated Air Supply Conditioning Unit
③ 3-Way Valve - Dispense & Loop Filtration
④ Digital Consumption Meter
⑤ Hydraulic Filter 10 µ with Indicator
⑥ Suction Hose
⑦ Return Hose
⑧ Integrated Removable Drip Tray
⑨ Drum content meter (DigoLevel)
⑩ Lube ID colourkit
⑪ Extra adapter hose reel
⑫ Desiccant Breather
⑬ Drum adapter
⑭ Oil sample valve
⑮ Oil dispensing tap

Compatibility

Reservoirs

- 20 L, 50 L, and 200 L oem steel drums
- 1000 L IBC containers
- Bespoke tanks and reservoirs
- Suction tube length adjusted to container depth

Lubricants: Hydraulic oils, Gearbox oils, Engine oils, Other industrial lubricants,
Maximum viscosity: up to 680 cst
Higher viscosities available on request

Operating conditions

- Ambient temperature: 10 to 40 °c

- Indoor installation recommended
- Outdoor use only when protected from rain and environmental exposure

Optional accessories



Digolevel digital drum content meter with alarm and temperature display

LT-S200L200S



Anti-static grounding cable for steel drums and similar reservoirs

LU-RE411ATX300



Anti-static filter cartridges for static-sensitive lubricants

LR-LS3057ST



Standard Flow Oil Sampling Kit

LA-SAMPKIT.STD



Extra dispensing hose with dispensing gun

LU-TRB102112



High-efficiency 3µ filter cartridges

LU-LCUSF003



Extra dispensing hose on hose reel up to 15 m



OilSafe Complete Dispenser Kits

Additional configurations available on request.

Compliance and application

- Designed in accordance with Lubrication Reliability™ best practice
- Supports contamination control, BRC, Total productive maintenance, Food safety regulations (HACCP, FSMA – USA) etc. and ISO 4406 cleanliness targets
- Suitable for integration into preventive and predictive maintenance programmes

Typical applications: Central lubrication rooms, Local in-plant lube storage, Food industry, Pharmaceutical Industry, Manufacturing and production facilities, Energy and power generation, Mining, Cement, and heavy industry, Reliability-centred maintenance environments.