

MODEL JD

LUBRIMIST® OIL MIST GENERATORS

LUBRIMIST® OIL MIST GENERATOR MODEL: JD

The LubriMist® Model JD Oil Mist Generator is the heart of an oil mist system that automatically and continuously delivers the right amount of fresh clean lubricant to anti-friction bearings.

The Oil Mist generator uses compressed air to atomize oil into micron-size particles, which can be effectively transported to lubrication points up to 600 feet (180 meters), through piping and tubing. One LubriMist® Oil Mist generator can provide lubrication up to 60 pumps and drivers.

The JD Oil Mist Generator is for intermediate to large-scale automated systems for process units in HPI, CPI and many other industrial facilities that require microprocessor control/monitoring and feedback to a DCS.

- Operating messages displayed in English or Metric values
- Enhanced data logging and system control
- RS422/485 Output compatible with MODBUS protocols
- control / monitoring, interface with DCS and reliability are required
- Maximum capacity of 933-bearing-inch or 28scfm

ADVANCED MICROPROCESSOR MONITORING

- Monitors all Oil Mist Generating variables
- Air temperature control ensures precise Mist Density
- Enhanced data logging and system control
- Alphanumeric display panel, individual LED condition lights, plus analog gauges
- Provides extensive trouble shooting guidelines and a comprehensive data / event log

APPLICATIONS

- Lubricates bearings in pumps, blowers and electric motors in refineries and petrochemical plants.
- Purges gearboxes and bearing housings of small steam turbines with sleeve bearings.
- Over 2000 large-scale oil mist systems operating worldwide in the oil refining industry.



FINANCIAL RETURN

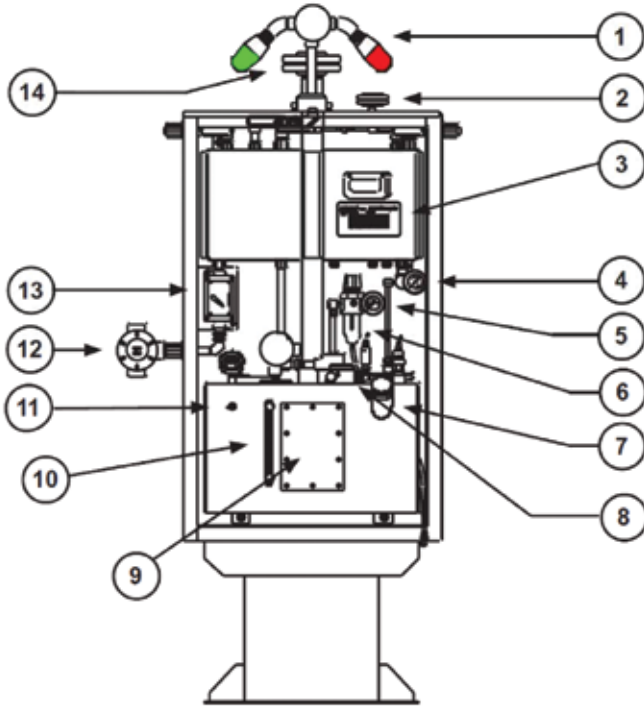
- Typical ROI of less than two years.
- Oil mist extends bearing life over oil sump or grease lubrication.
- 90% reduction in lubrication-related bearing failures using oil mist technology.
- 20-year life cycle and a low operating cost offer high return and low risk.
- Improved bearing life reduces mechanical seal failures.
- Improved equipment reliability reduces fire incidents.

TOTAL LUBRICATION MANAGEMENT

A COLFAX FLUID HANDLING COMPANY

COT-PUTITECHSM LSCSM

LUBRIMIST® MODEL JD



LEGEND

- 1 Operating Status Lights
- 2 Air Inlet Connection, Flanged Connection
- 3 Operator Keypad / Electronic Controls And Display
- 4 Oil Supply Pressure Gauge
- 5 Air Pressure Regulator
- 6 Air Filter
- 7 Reservoir Manual Fill Port
- 8 Oil Mist Generating Head
- 9 Reservoir Clean Out Cover
- 10 Oil Level Gauge
- 11 Mist Inspection Valve
- 12 Power Connection Enclosure
- 13 On Off Power Switch
- 14 Mist Outlet, Flanged Connection

OPTIONS

- . Auxiliary Generator (Includes Mounting & Piping to Main Unit)
- . Air Cooler (for Hot Climates)
- . Air Purging

ENVIRONMENTAL BENEFITS

- Reduces oil consumption by up to 60% over oil sump lubrication
- Adaptable to the LubriMist® closed-loop technology

DESIGN FEATURES

- Optional auxiliary generator available
- Automated bulk-oil fill connection
- Oil mist density monitor
- Fully enclosed stainless steel construction
- Self-contained 14-gallon (U.S.) (50 lts) internal reservoir
- Clog-resistant Vortex Mist Head®
- NEC CLASS 1 DIV 2 GROUP B/C/DT4 (CLASS 1 ZONE 2 GROUP IIB+H2T3C)

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