**OIL MIST MONITOR**

**Function/Description**
- Provides on-line monitoring of oil mist density, thus providing positive indication of uninterrupted lubrication
- Upgrades monitoring and alarming capabilities of existing oil mist systems
- Easily retrofits to existing oil mist systems
- Designed for Class 1, Groups B/C/D, Div 2 areas

**Construction**
- Shielded instrumentation cable - 25’
- Enclosed monitor
- SS T304 flanges for monitoring in exterior oil mist header

**Options**
- Cable available in lengths up to 100’
- 2” SS T-304 raised faced ANSI
- 2 1/2” SS T-304 JIC flange

**PRESSURE GAUGES**

**Function/Description**
- Monitors system pressure

**Material**
- Brass stem and tube, SS cover with glass site cover

**Mist Pressure**
- 0-100 inches H₂O; P/N U-902S (Brass Components)
- 0-100 inches H₂O; P/N 77-600-087 (Stainless Steel)

**Air Pressure**
- 0-100 PSI; P/N U-902R (Brass Components)
- 0-100 PSI; P/N 77-600-088 (Stainless Steel)
- 0-160 PSI; P/N 77-500-343 (Brass Components)

**Oil Pressure**
- 0-300 PSI; P/N 77-500-342 (Brass Components)
LubriMist® Oil Mist Accessories

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MIST SUPPLY MANIFOLD-6 PORT
P/N 77-600-820

Function/Description
- Divides mist flow from header drop
- Distributes mist to six lube application points
- Allows for visual inspection of oil mist and draining of coalesced oil
- Equipped with integral drain valve with tubing connection for adoption to oil collection drain line

Material
- Aluminum body
- High temperature glass sight tube
- SS tube fittings

Options
- T-304 SS body (P/N 77-600-872)

PURGE MIST VENT/FILL ASSEMBLY
P/N 77-600-822

Function/Description
- For use with application of purge mist/wet sump
- Provides venting of mist at the equipment
- Provides clog-resistant mist flow into and from the cavity receiving purge mist

Material
- Aluminum body
- SS tube fittings

Options
- T-304 SS body (P/N 77-600-877)

OIL LEVEL SIGHT ASSEMBLY
P/N 77-700-217

Function/Description
- Monitors oil level inside bearing housing
- Adjustable level setting
- Insures no pressure build-up in bearing housing
- Designed for use with LubriMist® purge mist vent/fill assembly and connection to LubriMist® oil collection containers

Material
- Aluminum body
- High temperature glass sight tube
- SS tube fittings

Options
- T-304 SS body (P/N 77-700-244)
LubriMist® Oil Mist Accessories

**CONSTANT LEVEL OILER ASSEMBLY**
P/N 77-700-202

**Function/Description**
- Maintains oil level inside bearing housing
- 5oz. capacity oil reservoir with fill cap
- Equipped with viewing chamber to set and check oil level in bearing housing
- Insures no pressure build-up in bearing housing
- Compatible with LubriMist® purge mist vent/fill assembly and connection to LubriMist® oil collection containers

**Material**
- Aluminum body
- High temperature glass sight tube
- SS tube fittings

**Options**

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**PURGE MIST SITE BOTTLE**
P/N 77-500-226

**Function/Description**
- Collects oil at bottom of bearing housing
- Provides visual indication of oil condition
- Allows users to easily take oil samples

**Material**
- Acrylic body
- No solvents or adhesives used in construction
- Brass drain valve

**Options**
- 1/2" NPT (P/N 77-500-219)

---

**VENT COLLECTION ASSEMBLY**
P/N 77-600-965

**Function/Description**
- Easily attaches to low point of bearing housing
- For use with pure mist/dry sump. For purge mist/wet sump applications use with 77-700-202 & 217
- Allows users to view quality of oil and easily take oil samples

**Material**
- Acrylic body
- SS fittings
- Brass drain valve
- No solvents or adhesives used in construction
**LubriMist® Oil Mist Accessories**

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**OIL MIST COLLECTION CONTAINER**

P/N 77-600-728

**Function/Description**
- Collects excess oil mist from bearing housing
- Keeps equipment base plates clean
- Eliminates drains to sewers
- Easily mounted to equipment foundation
- Sized to require once per month servicing

**Material**
- Cast aluminum

**Options**
- 304 Stainless steel (P/N 77-700-301)

---

**OIL MIST COLLECTION CONTAINER w/HAND PUMP**

P/N 77-600-729

**Function/Description**
- Designed for use with LubriMist® Closed-Loop System
- Collects coalesced oil from bearing housing
- Excess oil mist continuously passes through container to collection system
- Design allows for simultaneous pumping of oil and continuous flow of oil mist without creating blockage of oil mist flow or system back pressure

**Material**
- Cast aluminum

**Options**
- 304 Stainless steel (P/N 77-700-300)

---

**COLLECTION CONTAINER HAND PUMP**

P/N 77-700-200

**Function/Description**
- Designed to retrofit to LubriMist® collection container (P/N 77-600-728)
- Allows user to pump collected oil into separate oil container
- Allows user to cleanly collect used oil for purification and reuse

**Material**
- Cast aluminum
- Stainless steel handle and internal components
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**DRAIN LEG MANIFOLD ASSEMBLY**

*Function/Description*
- For use with *LubriMist®* Auto Drain Leg
- Drains collected, coalesced oil into auto drain leg while maintaining header pressure
- Equipped with integral drain valve

*Material*
- Aluminum body
- High temperature glass sight tube

*Options*
- T 304 SS body with SS pressure gauge (P/N 77-600-873)

**AUTO DRAIN LEG RESERVOIR**

*Function/Description*
- Collects coalesced oil and automatically pumps/pushes oil to return header (can be used for closed-loop or one way system)
- Operated by compressed air (electrical supply not required)
- Provides for reuse of coalesced header oil, reducing oil consumption
- Fully automated

*Material*
- T 304 SS reservoir (P/N 77-700-304)

**AIR/OIL FILTER**

*Function/Description*
- For use where additional filtering is required
- Provides filter capability for either air and/or oil
- Disposable 10 micron filter elements
- 3/4” NPT inlet and outlet

*Housing Material*
- SS T 304
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### OIL SUPPLY TANKS
**MODEL BST**

**Function/Description**
- Provides storage for bulk oil
- Provides pressurized oil supply to oil mist console and dispensing station

**Material**
- Hot dipped galvanized, or T304 SS

**Options**
- Tank capacities - 55, 110, 287 and 560 gallon
- Air operated pumps - one, 1:1, 3:1, or 5:1 pump
- Low oil level switch
- Immersion oil heater
- Insulation

---

### DEMISTING OIL SUPPLY TANKS
**MODEL DT**

**Function/Description**
- Designed for use with Closed-Loop LubriMist®
- Provides automatic oil supply to oil mist console
- Coalesces return oil mist
- Designed for Class 1, Group D, Division 2 areas

**Material**
- Hot dipped galvanized, or T304 SS

**Options**
- Tank capacities - 55, 110 gallon
- Low oil level switch
- Immersion oil heater
- Insulation

---

### OIL MIST COLLECTION TANK
**P/N 77-600-748**

**Function/Description**
- Designed to collect excess returned oil mist
- For use with closed-loop systems in non-hazardous locations
- Reservoir capacity - 4 gallon
- Includes motor driven demisting filter

**Material**
- Painted carbon steel
**LubriMist® Oil Mist Accessories**

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**OIL DISPENSING STATION**

**MODEL ODS**

**Function/Description**
- Provides for improved housekeeping and safety
- Allows for more efficient and clean oil distribution
- Improves control of oil usage
- Waste oils easily collected
- Allows user to keep lube oil clean
- Eliminates need for open containers

**Material**
- Aluminum cabinet

**Options**
- Up to 4 separate oil dispensing valves
- Oil filters
- Oil dispensing meters
- T 304 SS cabinet

---

**PRESERVATION PACKING KIT**

**P/N 77-600-994**

**Function/Description**
- Provides method for applying oil mist preservation to crated machinery while in storage without having to break down and open the shipping crates
- Kit includes all components
- Ideal use on new construction projects

---

**MIST PRESERVATION MANIFOLD**

**P/N 77-600-993**

**Function/Description**
- For use in mist preservation systems
- Mounts directly into mist header
- Metering orifice machined into the manifold; no separate reclassifiers are required
- Includes 8 tubing connectors and plugs

**Material**
- Aluminum Body

**Option**
- Manifold Assembly includes plastic tube fittings (P/N 77-600-989)
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**MIST RECLASSIFIERS**

P/N 77-800-501/505

**Function/Description**
- Controls flow of oil mist particles to bearings
- For use in hydrocarbon processing plants and areas with corrosive ambient conditions

**Materials**
- T 304 SS

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**COMPACT MIST RECLASSIFIER**

P/N 77-700-121/124

**Function/Description**
- Provides oil mist particles to anti friction bearings

**Materials**
- Brass

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**SPRAY RECLASSIFIERS**

P/N 77-700-181/185

**Function/Description**
- Provides oil spray to applications such as: gears, rollers, tapered roller bearings, chains and conveyers

**Materials**
- Brass

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LubriMist® Oil Mist Accessories

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CONDENSING RECLASSIFIERS
P/N 77-700-151/155

Function/Description
• Provides large oil droplets for applications such as: plain bearings, slides and ways

Materials
• T Brass

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DIRECTIONAL RECLASSIFIERS

Function/Description
• Allows oil mist to be directed at surface requiring lubrication
• Ideal for use with heavily loaded thrust bearings

Materials
• T 304 SS

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ADJUSTABLE LENGTH SPRAY MIST FITTING

Function/Description
• Designed for hard to reach locations
• Provides large oil particles for applications such as: gears, rollers, tapered roller bearings, chains and conveyors

Materials
• T 304 SS

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</table>
LubriMist® Oil Mist Accessories
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ELBOW SPRAY FITTING
P/N 77-700-195

Function/Description
• Enables users to locate fittings in locations that have narrow clearances
• Provides large oil particles for applications such as: gears, rollers, tapered roller bearings, chains and conveyers

Materials
• Plated steel with brass orifice