



## **USER GUIDE**

## **MINING OPERATIONS**

Woolube is an invaluable product in the mining industry, its forte being the hermetic preservation or encapsulation of machinery, tools and assets.

**BENEFITS:**

- Reduces production down time**
- Allows more Maintenance to be achieved**
- Generates pre- maintenance**
- Work person friendly**
- Non-toxic lanolin film**
- Dielectric performance tested to 70 Kva**
- Hermetic component preservation**
- Reduces dismantle time & increases safety**
- Remains pro-active**
- Resists acid etching**
- Great Lubrication anti-seize properties**
- Reduces hydrolysis**
- Environmentally friendly**
- Easy clean up**

## **TECHNICAL:**

- 1. Remove all oxidation or existing scale (e.g. wire brush).**
- 2. For Best results all surfaces must be dry and clean prior coating.**
- 3. When applying woolube ozspray for under water applications allow 20-30 minutes for solvent carrier to evaporate before use.**
- 4. Woolube Ozspray liquid should always be shaken well before use.**
- 5. A thin film of Woolube or Ozspray should be applied to all machinery, tools, electrics and other assets prior to storage. Rag or cloth may also be used to apply spray or grease to components where practical.**

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**MINING APPLICATIONS:**

**Continuous Mining Operation**

- a) Roof Bolters- Drive chains, fittings, linkages and guides.
- b) Rib Bolters- Drive gears, fittings, linkages.
- c) Miner- Drive chains, chassis and protective covers, linkages, fittings, actuator pins, mounting bolts, electrical equipment and connections.
- d) Shuttle Car- Universals and drive chains, linkages, fittings, cable level wind system, chassis, electrical equipment and connections, Haulage chains and flight bars, mounting bolts, actuator pins and sprockets.
- e) Mobile boot end- Drive chains, track adjustment bolts, guides, fittings, linkages, hinges and electrical equipment, chassis and protective covers.
- f) Pumps and fan systems- linkages, protective covers, pump/fan housing, electrical equipment and fittings.
- g) Conveyor Belts- Chains, shackles, turn buckles, electrical equipment, loop take up system, wire cables fittings, rollers, hanging brackets, pins, drive units, nuts/bolts, belt stands and rails.

**Long Wall Mining Operation**

- a) Chock Supports- Fittings, linkages, electrical equipment, Actuator pins, actuators, relay bars and guides.
- b) Alternating Face Conveyor- Electrical equipment (motors etc), dog bone bolts, chain drives, sprockets, fittings, linkages, guides, threads, main gate and tail gate drive units.
- c) Stage Loader and Crusher Unit- Fittings, linkages, electrical equipment, guides, threads and bolts.
- d) Pump Station- Pumps, electrical motors, filters, fittings, threads and bolts.

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e) Conveyor Belts- Chains, shackles, turn buckles, loop take up system, electrical equipment, fittings, wire cable, rollers, hanging brackets, pins, drive units, belt stands and rails.

**Washing or Screening Plant:**

a) Conveyor belts- Electrical equipment, chains, shackles, wire cables, loop take up system, fittings, hanging brackets, pins, belt stands and rails.

b) Electrical Equipment- Motors, fittings, connections, lighting, camera surveillance systems, transformers, circuit breakers and distribution panels.

c) Screening & washing system- Electrical equipment, drive units, chains, wire rope, pins, fittings, slides, nuts & bolts.

**MAINTENANCE:**

Continuous use of Woolube Grease / Woolube Ozspray at regular service intervals will enhance and preserve your valuable assets, and at the same time reduce Production down time and maintenance cost.

**REAPPLICATION:**

1. Clean off with steam cleaner or hot water wash above 60°C. White spirit, kerosene, degreaser or Woolube Enviroclean may also be used.
2. When CLEAN and DRY, reapply as per instructions.

**A Cleaner Environment a Smarter Choice !!!**

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