

TECHNICAL DATA SHEET

LDL 1



Product Description

LDL 1 is an effective all-purpose penetrant and dielectric lubricant. It treats metal surfaces to create a long-lasting barrier against electrical leakage and corrosion in damp conditions.

Benefits

Penetrates Rust and Corrosion. LDL 1 removes rust and corrosion from metal surfaces, improving electrical efficiency and conductivity.

Shields Against Moisture. LDL 1 creates a barrier against moisture on electrical components, preventing further corrosion build-up. It also seals metal surfaces with an extreme pressure barrier to reduce friction, heat, and wear.

Insulates. LDL 1 forms a protective shield to help prevent electrical leakage in damp conditions.

Cleans and Protects Metal Surfaces. LDL 1 cleans metal surfaces and leaves behind a barrier that helps prevent further corrosion and wear.

Lubricates Sticky Mechanisms. LDL 1 seals the metal with a long-lasting extreme pressure barrier that allows metal parts to move smoothly.

Directions

Spray or wipe LDL 1 onto the surface or unit to be treated. Apply to remove corrosion and moisture. Re-apply every maintenance period to help prevent corrosion, reduce wear, and prevent electrical failure. LDL 1 retains its effectiveness from -30°C (-22°F) to 200°C (392°F).

Specifications

Specific Gravity: Range 0.957 - 0.977 @ 75°F/23.9°C

% H₂O: Not to exceed 0.05% (500 PPM) (ASTM-D1744)

Colour: Brown

Odour: Slight

Solubility in Water: Insoluble

Composition:

Petroleum Based Carriers (over 50% by weight)
Actives (under 50% by weight)
(Specifications may vary ± 3%)

Ash: 0.002% ± 0.1% @ 1427°F /775°C

Applications

- Electrical Connectors
- Battery Terminals
- Electric Tools (wired and battery operated)
- Electric Motors
- Electric Systems of Gas and Diesel Engines
- Electric Switches
- Grounds
- Electrical Clusters
- Fuse Panels
- Gears
- Valves
- Bearings
- Open Bearings
- Tools
- Linkage Systems
- Cables and Chains
- Hinges
- Sliding Doors
- Nuts and Bolts

