

# ANTI-OX

## OXIDE INHIBITOR COMPOUND TECHNICAL DATA SHEET



### Product Name:

“Anti-Ox” Oxide Inhibitor Compound

### Product Description:

**Anti-Ox** is a high quality, one-part, paste like, grayish colored grease compound that embodies suspended, electrically conductive zinc particles. **Anti-Ox** is designed to prevent air and moisture from creating corrosion and the formation of oxide film in electrical connections where aluminum connections are required.

### Product Application(s) and Usage:

**Anti-Ox** is recommended for aluminum to copper and aluminum to aluminum wire connections and aluminum conduit joints. **Anti-Ox** is for use up to 600 Volts and is suitable for use with pressure type wire connectors such as screw-on, tap, split bolt and service entrance connectors. **Anti-Ox** is stable over a wide range of temperature ranges and is non-melting at 500° F. **Anti-Ox** has an expected service temperature range of - 40° F to 300° F and helps to improve the efficiency and service life of aluminum electrical applications. **Anti-Ox** is compatible with PVC, polyethylene and other insulating materials.

### Installation Procedures:

When assembling an aluminum connection, it is recommended that the contact surface of the aluminum be lightly brushed with a wire brush or abraded with an emery cloth. Do not use abrasives on tinned or plated conductors. Apply a moderate amount of **Anti-Ox** to both the conductor and connector. Assemble the joint.

### Packaging:

Part #:	Product Description	Case Qty
AO-4	Anti-Ox 4 oz bottle	12/ case
AO-8	Anti-Ox 8 oz bottle	12/ case
AO-1G	Anti-Ox 1 gallon Pail	4 / case
AO-5G	Anti-Ox 5 gallon Pail	Each
AO-55	Anti-Ox 55 Gallon Drum	Each

\* Additional packaging options available upon request

### Users Please Read:

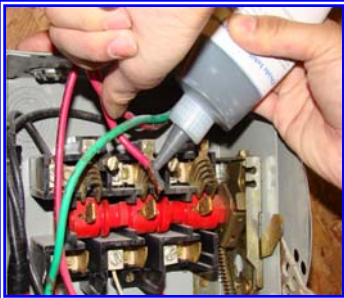
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### Shelf Life and Storage:

When stored in the original unopened container at or below 100°F, **Anti-Ox** has a shelf life of 24 months from the date of shipment. Containers should always be kept sealed when not in use. Ensure stock is rotated.

### PRODUCT FEATURES

- ✓ Seals out air and moisture to prevent aluminum oxidation
- ✓ Improves service life of aluminum connections
- ✓ Compatible with insulating materials
- ✓ Installed product stays in place with no running or dripping
- ✓ Stable over wide working temperature range
- ✓ Improves conductivity
- ✓ Produces cooler connection
- ✓ May be used as an anti-seizing compound



### Physical Properties

<b>Color:</b>	Dark Gray
<b>Physical State:</b>	Glossy Paste
<b>Voltage:</b>	600 Volts
<b>Specific Gravity (H2O = 1):</b>	1.10
<b>% solid by weight:</b>	100%
<b>Pour Point:</b>	- 10 °F
<b>Dropping Point:</b>	> 500°F
<b>Weight per Gallon:</b>	8 lbs
<b>Soluble in H2O:</b>	Insoluble
<b>Cure Time:</b>	Non-Curing
<b>Odor:</b>	Slight Odor
<b>Shelf Life:</b>	2 years

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