

## Ox-Gard

### Anti-Oxidant Compound

Ox-Gard Anti-Oxidant Compound contains prime grade zinc and is formulated with metallic zinc and graphite to create a compound that enhances electrical and thermal conductivity which is used on high power crimp connections and stud bolt mountings.

When the connection is tightened, the grease is displaced, leaving a layer of zinc and graphite filling in the surface imperfections of the interface. This has a twofold effect; it improves electrical conductivity and it improves thermal conductivity. This reduces the connection temperature under high power conditions by a reduced voltage drop and by providing a heat conductivity path to the connection's substrate.

Ox-Gard Anti-Oxidant Compound is manufactured with unique grease compounded from custom refined low sulphur oil. The grease base ensures brush-ability over a wide temperature range, tenacious adherence to all surfaces, resistance to water wash out and the prevention of rust/corrosion. This makes the product easier and more reliable to use.



#### ADVANTAGES

- Makes connections more reliable
- Makes connections more weatherproof
- Protects connections from corrosion
- Reduces temperate rise
- Low sulphur content
- Non-reactive, no gassing in storage
- Brushable over a wide temperature range
- Sticks to wet joints

#### PRODUCT CHARACTERISTICS

<b>Thickener:</b>	Lithium Complex (soap)
<b>Fluid Type:</b>	Petroleum
<b>Color/Appearance:</b>	Smooth Charcoal Paste
<b>Dropping Point:</b>	450°F(232°C) (ASTM D-566)
<b>Specific Gravity:</b>	1.36
<b>Density (lb/gal):</b>	9.60
<b>Oil Separation:</b>	<5.0 WT % Loss @ 212°F (100°C)
<b>Flash Point :</b>	>430°F (221°C) (ASTM D-92)
<b>NLGI Grade:</b>	2
<b>Penetration @77°F :</b>	265 – 295 (ASTM D-217)
<b>Copper Strip Corrosion:</b>	1A (ASTM D-4048)
<b>4-Ball :</b>	500 (ASTM D-2596) Weld Point, kgf