

Ox-Gard Anti-Oxidant Compound

Ox-Gard Anti-Oxidant Compound contains prime grade zinc and is formulated with metallic zinc 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 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

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