



# OZ 752 NICKEL ANTI-SEIZE COMPOUND



## Features

- Water resistant
- Ease mechanical assembly and disassembly up to 1425°C (2600°F)
- Balanced coefficient of friction eliminates torque recalculations.
- Guards against galling and corrosion
- Withstands extreme pressure
- Applicable where use of copper is prohibited

## Sizes

- 500g

## Directions

Treat all threaded or press-fit parts before joining to make assembly and disassembly easier. Surfaces should be free of dirt, oil, grease, etc. Apply liberally to mating surfaces.



| TYPICAL PHYSICAL PROPERTIES                     |                      |
|---|----------------------|
| Appearance                                      | Metallic Grey        |
| Consistency                                     | Soft paste           |
| Flash Point                                     | 95°C (204°F)         |
| Specific Gravity                                | 1.3kg/l              |
| Average particle size                           | 4 to 7 microns       |
| Dropping Point (ASTM D 566 ISO 2176)            | >316°C (600°F)       |
| Operating Temperature                           | Up to 1425° (2600°F) |
| Coefficient of Friction "K" Factor (Static)     | 0.18                 |
| ASTM D 2266 (Dynamic)                           | 0.12                 |
| Four Ball Wear Test (ASTM D 2266, DIN 51 350/4) |                      |
| Weld Load, Kg(N)                                | 160                  |
| Load Wear Index                                 | 48.6                 |
| Density   | 1.3kg/l              |
| Copper Corrosion (ASTM D 300) 100°C (212°F)     | None                 |
| Water Washout (ASTMD 1265) 79° (175°F)          | 5.50%                |
| Penetration, Cone (ASTM D 217)                  | 27 to 37mm           |

## Design Description

Oz 752 Nickel Anti-Seize Compound is an assembly lubricant combining the extreme pressure, corrosion resistant anti-seize abilities of colloidal nickel, aluminium and graphite in all oil suspension which will withstand temperatures up to 1425°C (2600°F).

The products seals and protects metal parts under extreme conditions by providing an ultra-thin coating of nickel particles. The particles form an anti-friction barrier that will not burn, wash or scrape off. The barrier formed prevents pitting from the galvanic action between dissimilar metals that could not occur if the metals were not separated. Oz 752 Nickel Anti-Seize Compound has a balanced coefficient of friction, threads are not stretched and more accurate load values are possible during assembly.

The product saves threads and parts for reuse by preventing galling damage and breakage during opening. It will not wash off in either fresh or salt water. Can be used indoors, outdoors and in marine applications.

