

## Micro-Armor 5000 High Performance, Waterproof Open Gear Grease

### Product Description

Micro-Armor 5000 is a unique, water insoluble, open gear grease which uses a proprietary blend of patented micro-particles and soluble anti-wear and extreme pressure additives. This insures a corrosion resistant, anti-wear bonding system. The special additives allow for a reduction in friction, heat, wear, and energy consumption in areas where maximum lubrication and protection is desired. The end result is that Micro-Armor 5000 protects your equipment, and investment, from expensive downtime and excessive maintenance.

### Benefits

- Water insoluble and excellent resistance to washing
- Very tacky formula to stay on surfaces and protect longer
- Unique Plating Action
- Leaves A Corrosion Resistant Protective Film
- Improves Lubrication
- Reduces Friction
- Reduces Wear On Metal Surfaces
- Reduces Operating Temperatures
- Water Resistant
- Dramatically Extends Equipment Life

### Recommended Application Areas

- Back Rack
- Sliding Ways
- Fifth Wheel
- Bull Gear
- Pinion Gear
- Greased Areas That Come In Contact With Water
- ANYWHERE YOU NEED GREASE

### Technical Specifications

- |   |                 |
|---|-----------------|
| ➤ Color                                 | Black           |
| ➤ Texture                               | Smooth, Stringy |
| ➤ Base                                  | Lithium         |
| ➤ NLGI Consistency Grade                | 1.5             |
| ➤ Temperature Range                     | 25 F – 325 F    |
| ➤ Flash Point                           | 425 F           |
| ➤ Dropping Point ASTM D-566 D-2265      | 435 F           |
| ➤ Penetration, Unworked ASTM D-217      | 305             |
| ➤ Penetration, Worked 60 ASTM D-217     | 311             |
| ➤ Corrosion Prevention ASTM D-1743      | Pass 1, 1, 1    |
| ➤ Timken OK Load ASTM D-2509            | 70 lbs          |
| ➤ 4-Ball EP Load Wear Index ASTM D-2596 | 95.1 kg         |
| ➤ 4-Ball EP Weld Point ASTM D-2596      | 800 kg          |
| ➤ Water Washout @ 175 F ASTM D-1264     | 0.35%           |



**NOTE - NOT FOR ROLLING ELEMENT BEARINGS WHERE TEMPERATURE IS BELOW 32 DEG F BECAUSE PRODUCT MAY BE DIFFICULT TO APPLY**



**Bluewater Technology Solutions**  
1816 River Street  
Jackson, MI 49202  
Phone: (800) 531-2920  
Fax: (810) 320-9556