Everlube 620C is a thermally cured MoS2 based solid film lubricant with an organic binder system. Everlube 620C provides very good wear life, good abrasion resistance and performs best in higher load carrying applications. Everlube 620C is also qualified to MIL-L-8937D, MIL-L-46010E Ty 1 and AS-5272 Ty 1. Everlube 620C is purchased by a wide variety of markets, including Aerospace and Medical.

### Features / Benefits
- Lead Free
- Good abrasion resistance
- Very good wear life and chemical resistance
- Ideal for higher load carrying applications

### Markets
<table>
<thead>
<tr>
<th>Market</th>
<th>Typical Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aerospace/Defense</td>
<td>Bearings, gears, splines and cams</td>
</tr>
<tr>
<td>Medical</td>
<td>Non-intrusive medical instruments</td>
</tr>
<tr>
<td>Mechanical Components</td>
<td>Hydraulic fittings &amp; valve components</td>
</tr>
<tr>
<td>Industrial Machinery &amp; Equipment</td>
<td>Seals, clamps and couplings</td>
</tr>
</tbody>
</table>

### Physical Properties
- **Lubricating Solid:** MoS2
- **Binder:** High Molecular Weight Phenolic
- **Color and Appearance:** Black Matte Finish
- **Carrier:** Solvent Borne
- **Solids (by weight):** 40 to 44%
- **Density:** 9.1 ± 0.5 lb/gal (1090 ± 60 grams/liter)
- **Flash Point:** 24°F (-4°C)
- **Volatile Organic Compound:** 632 grams/liter (5.27 lb/gal)
- **Theoretical Coverage:** 674 ft²/gal @ 0.5 mils (16.5 m²/liter @ 12.7 microns)
- **Alternative or Repair Coatings:** A low VOC alternative coating for Everlube 620C is our Everlube 9002. For touch-up applications, Perma-Slik G or Lubri-Bond 220 works well with Everlube 620C.

### Processing Information
- **Dry Film Thickness:** 0.2 to 0.5 mils (5 to 13 microns)
- **Dilution / Cleanup Solvent:** MEK, 600 Solvent, or 50/50 ethyl alcohol and toluene
- **Dilution Ratio:** 1:1 to 1:3 (Product to Solvent)
- **Cure Cycle:** 1 hr@300°F - 375°F
- **Suggested Pretreatment:** Grit Blast and/or Phosphate
- **Suggested Application Methods:**
  - Dip Spin
  - Spray

For additional information, please see Processing Bulletin # 3000-A

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