# PRODUCT INFORMATION

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## MASTERLUBE 400™

### DRY LUBRICANT

Masterlube 400™ is a concentrated, water-based liquid graphite with an inorganic binder. It is designed as a long-lasting lubricant coating for high temperature applications over phosphated metal and is especially effective in applications where loads are high, speeds are slow, and temperatures are above the normal capabilities of oils and greases. Masterlube 400™ provides a positive low friction interface when temperatures may range from 400 to 2000° F. Current uses include: hot forging and drawing, oilless high temperature bearings, oven conveyors and fastening systems for high temperature motors and robotics. The concentrate is used full strength or diluted with deionized water and is supplied by spray or immersion to a total thickness of 1.0 to 1.5 mils, dried and cured at 250° F. The coatings are also useful as a replacement for oils and greases in situations where dust or abrasive particulates may become embedded in tacky surfaces and act as a grinding compound.

- **WATER BASED**
- **NON FLAMMABLE**
- **EASY APPLICATION**
- **BARRIER COATING**
- **REDUCES OPERATOR HAZARDS**
- **EXTREMELY STABLE**
- **HIGHLY ADHERENT**
- **TEMPERATURE RESISTANT**

Parts to be coated should be clean and free from oil, dust, fingerprints, dirt, and contaminants. Because this compound is water based, it will not adhere to areas where oil, grease, wax, or other such substances are present.

Masterlube 400™ does not react with or form carbides with lead, tin, germanium, gallium, infium, thallium, platinum, palladium, iridium, or ruthenium. Its activity is so low that it may also be considered nonreactive with copper, zinc, cadmium, magnesium, silver, aluminum, mercury, and gold. It will not react with iron unless it is in the molten stage.

Masterlube 400™ can be used in tight threaded joints to prevent seizing and permit easier disassembly for preventive maintenance and repairs.