



# Force 842<sup>®</sup>

## Dry Moly Lubricant



### FEATURES

- Works under high temperatures 842°F (450°C) and pressures 100,000 psi (6890 Bars)
- Prevents seizure of parts
- Resists dust and dirt
- For assembly and break-in lubrication
- Provides a quick drying, thin film
- Fortified with molybdenum disulfide

### APPLICATIONS

- Aircraft Landing Gear
- Brake Adjustment Screws
- Forklift Channels
- Fire Doors
- Oven Chains & Cables
- Oven Dolleys
- Overhead Crane Rails
- Planting Hooks in Ovens

### SPECIFICATIONS AND APPROVALS

- Boise Cascade
- Central Power & Light
- Ford Motor Co.
- General Motors Co.
- MIL-L-46147A Type II
- Minntac - US Steel
- Tampa Electric Co.

### PROPERTIES

|                                     |   |
|-------------------------------------|---|
| <b>Appearance/physical state</b>    | Aerosol: Gas  |
| <b>Odor</b>                         | Characteristic  |
| <b>Melting point/freezing point</b> | Not established   |
| <b>Boiling point/range</b>          | 141.8°F (61°C)  |
| <b>Vapor pressure</b>               | 352.53 mm Hg @ 38°C                                       |
| <b>Partition coefficient</b>        | > 1   |
| <b>Percent volatile</b>             | 95%, 712 g/L, 5.94 lbs./gal                               |
| <b>Flammability limit</b>           | Lower: 0.6%; Upper: 7%                                    |
| <b>Propellant</b>                   | Petroleum Gases   |
| <b>VOC Content</b>                  | 95% per US State and Federal Consumer Product Regulations |
| <b>Color</b>                        | Dark grey, Black  |
| <b>Flash point</b>                  | < 1.4°F (< -17.0°C) Tag Closed Cup (dispensed liquid)     |
| <b>Relative density</b>             | 0.74 - 0.76 @ 20°C  |
| <b>Evaporation rate</b>             | < 1 (Ethyl Ether = 1)                                     |
| <b>Vapor density</b>                | -3  |
| <b>Auto-ignition temperature</b>    | 582.8°F (306°C)   |
| <b>Viscosity</b>                    | < 14 cSt  |
| <b>Temperature Range °F(°C)</b>     | up to 842°F (450°C)                                       |

### DIRECTIONS

Mix well before using. Spray on clean surface. Use attached extension tube for pinpoint application. Safe to use on plastic, rubber and paint. Use only in well ventilated areas. Avoid all sources of ignition (spark or flame).

### HANDLING

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not breathe gas. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### STORAGE

Keep container tightly closed. Store locked up. Protect from sunlight. Store in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F.

### DISPOSAL INFORMATION

Waste must be disposed of in accordance with any and all applicable environmental control rules and/ or regulations.

### AVAILABLE PRODUCTS

| Part No. |        | Net Contents            | Container Type | Units/Case | Case Weight |
|----------|--------|-------------------------|----------------|------------|-------------|
| US       | Canada |                         |                |            |             |
| 02516    | C02516 | 11 wt. oz./312 g/468 mL | aerosol        | 12         | 12 lbs.     |



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