

### Introduction

SealXpert® SP50 Moly G-Rapid is a multi-purpose molybdenum disulfide spray lubricant for component assembly.

### Features

- Designed to be a running-in lubricant
- Does not require burnishing
- Provides a lower coefficient of friction than most other MoS<sub>2</sub> partes
- Features a solvent that quickly evaporates and allows the sprayed part to be used within seconds
- Has a service temperature range of -35°C to 399°C (-31°F to 750°F)

### Typical Applications

- Seizure prevention during machine assembly such as press or heat-fitting.
- Seizure prevention and run-in protection for motor axles, splines, and cams.
- Protects against overheating of power screws and packing seals.
- Lubrication during metal working such as thread cutting, grinding and casting.
- Pre-treatment of surfaces before grease or oil lubrication.
- Fretting corrosion prevention in the fitting area of machine parts.

### Typical Properties

|   | Typical Value          |
|---|------------------------|
| Color                                       | Grayish-black          |
| Service temperature                         | -35°C to 399°C (Solid) |
| Density                                     | 1.70 g/cm <sup>3</sup> |
| LFW-4 press fitting coefficient of friction | 0.05                   |
| Copper corrosion 100°C/24 hours             | 1a                     |

### Direction for Use

1. Clean the metal surface to remove dirt and corrosion.
2. Before spraying, shake the aerosol can vigorously until you hear the sound of the inside mixing ball.
3. Keep the can vertical and spray 20-30 cm away from the application points so that the material forms a thin and even coating.
4. When you need to spray for a long duration of time, shake the can from time to time.
5. Leave the coating for several minutes after spraying and then begin assembly work or machine operation. No need to rub it in.

6. To avoid clogging and/or insufficient spraying at the next use, turn the can upside down, let the air go for approximately 2 seconds, wipe the nozzle well and replace the lid.

### Safety and Handling Consideration

Keep away from children.  
 This product may irritate the skin or eyes. Wear proper protective equipment.  
 Use with adequate ventilation. Wear gas or air mask as necessary.  
 Do not store with oxidizing agents.  
 Keep away from heat and sources of ignition.  
 In case of contact with skin, wash with water and soap.  
 In case of contact with eyes, rinse with clean water immediately. Get medical attention if irritation develops and persists.  
 More details, please refer to MSDS of this product

### Recommended Storage:

Stored in a cool and dry location in unopened containers at 8~28°C.  
 When stored in a cool and dark place in the original unopened containers, this products has a usable life of 36 months from the date of production.

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