



Product Information

www.miller-stephenson.com

MS-124H / 126H Connector Lubricant

Description:

Cleans, lubricates and protects multi-pin connectors.

Advantages:

- Reduces insertion forces
- Greatly increases mating cycles (especially important where high pin counts are involved)
- Extend connector life by preventing corrosion and galling
- No interference in electrical continuity
- Removes contaminants and oxides
- Forms no residue, even at high temperatures
- Is non-migrating-contains no silicone
- Available with a UV (ultraviolet) indicator
- Nonflammable
- RoHS compliant

The active ingredient of Connector Lubricant is a five (5) ring polyphenyl ether (PPE) lubricant. This lubricant will help protect metal connector surfaces from excessive wear, when subjected to hundreds of mating cycles, thereby increasing the life of the connectors. It will also reduce insertion forces and provide corrosion protection in harsh environments.

Only a very thin film is required on metal surfaces; therefore, the polyphenyl ether is usually diluted in a solvent. Various solvents and different polyphenyl ether concentrations may be used.

Connector Lubricant is available in a 1% (aerosol) and 2% (bulk liquid) PPE concentration. This is the proper concentration for connectors operating at room temperature where there is little or no vibration.

A Spectro EN-140 4-watt Long Wave UV Lamp may be used for UV detection.

Physical Properties: 5-Ring Polyphenyl Ether

Maximum Operating Temperatures 140°F/60°C
(Higher temperatures result in shorter film life)

Surface Tension @ 100°F 4 dyne/cm 9.9

Oxidation & Corrosion Stability @ 600°F/48 hrs

| | |
|-----------------|------|
| Steel (mg/Δ) | 0.02 |
| Silver (mg/Δ) | 0.03 |
| Copper (mg/Δ) | 0.14 |
| Aluminum (mg/Δ) | 0.04 |
| Acid Change Δ | 0.00 |

Thermal Stability 847°F/453°C

Refractive Index @ 25°C 1.630

Note: Test for compatibility before use.

VOC Content for MS-124H.....895 g/l
VOC Content for MS-126H.....1118 g/l

Safety Data Sheets (SDS) are available upon request.

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