



Product Information

www.miller-stephenson.com

MS-538N/539N Contact Re-Nu® & Lube

Description:

Excellent for cleaning and lubricating contacts, switches, relays, tuners, encoders, slide wires, rheostats, distribution panels and servomechanisms to restore electrical and mechanical continuity. Contains a high performance synthetic hydrocarbon oil. Contains no silicones. For lubricating multi-pin connectors, use MS-381HC/MS-383H Connector Lubricant.

Advantages:

- High effective cleaning agent
- Fully Synthetic Lubricant
- Evaporates quickly
- Nonflammable; No ODP
- RoHS2 and RoHS3 compliant

Properties of Synthetic Oil:

Kinematic Viscosity, cSt @ 212°F/100°C.....	3.9
Kinematic Viscosity, cSt @ 104°F/40°C.....	16.8
Kinematic Viscosity, cSt @ -40°F/-40°C.....	2488
Viscosity Index.....	124
Pour Point.....	-92°F/-69°C
Volatility, wt%.....	13

Typical Properties:

Boiling Point.....	98°F/37°C
Liquid Density.....	1.33 g/ml @ 77°F/25°C
Ozone Depletion.....	0.00
VOC Content of MS-538N.....	437g/l
VOC Content of MS-539N.....	375g/l

Plastic Compatibility:

(Immersion: 15 minutes at Room Temperature)

- | | |
|-----------------|------------------------|
| • Acetal | • Polyethylene |
| • Polypropylene | • Polyester, PBT, PET |
| • PEK, PEEK | • Epoxy-Phenolics |
| • Polyimides | • Polyvinylchloride |
| • PTFE | • Liq. Crystal Polymer |

NOTE: Acrylics, ABS, and polycarbonate, if under stress, may show slight cracking or crazing damage. Test for compatibility before use.

Elastomer Capability:

(Immersion: 15 mins at Room Temperature)

- | | |
|-----------------------|------------------|
| • Butyl Rubber | • Natural Rubber |
| • Polysulfide | • EPDM |
| • Buna S | • Buna N |
| • Neoprene | • Urethane |
| • Chlorosulfonated PE | • Silicone |
| • Viton™ | |

NOTE: Elastomer swelling and shrinking will, in most cases, revert to within a few percent of original size after air drying. Swell, shrinkage, and extractables are strongly affected by the compounding agents, plasticizers, and curing used in the manufacture of the elastomers. Test for compatibility before use.

Metal Compatibility:

(Immersion: 2 weeks at 99°F/37°C)

- Aluminum
- Copper
- Iron

Note: Test for compatibility before use.

Safety Data Sheets (SDS) are available upon request

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Disclaimer: The manufacturer shall not be liable for any injury, loss or damage, direct or consequential, arising out of the use or inability to use this product. User shall determine the suitability of the product for his intended use and user assumes all risk and liability in connection therewith.

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For technical information call 800.992.2424 or 203.743.4447

For product sales: CT 800.442.3424, CA 800.771.8161, IL 800.447.4866, Canada 800.307.2199

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