

## Ultrafiltered

A PTFE thickened, heavy viscosity, perfluoropolyether grease intended for high vacuum and clean room applications, spacecraft and semiconductor manufacturing equipment. Benefits include very low vapor pressure.

| Lubricant Properties                  |                     |       | Typical Value          | Test Method |
|---------------------------------------|---------------------|-------|------------------------|-------------|
| <b>Recommended Service Range (°C)</b> |                     |       | -65 to 250             |             |
| <b>Thickener</b>                      |                     |       | PTFE                   |             |
| <b>Base Oil</b>                       | Type                |       | Perfluoropolyether     |             |
| <b>(NYETORR 5301)</b>                 | Kinematic Viscosity | -40°C | 2300 cSt               | ASTM D-445  |
|                                       |                     | 40°C  | 140 cSt                |             |
|                                       |                     | 100°C | 45 cSt                 |             |
|                                       | Viscosity Index     |       | 345                    | ASTM D-2270 |
|                                       | Pour Point          | °C    | -75                    | ASTM D-97   |
| Typical Properties of the Grease      |                     |       | Typical Value          | Test Method |
| <b>Color, Appearance</b>              |                     |       | White, Smooth          |             |
| <b>Penetration (1/10 mm)</b>          | Unworked            |       | 255                    | ASTM D-217  |
|                                       | Worked              | 60X   | 273                    | ASTM D-217  |
|                                       | NLGI Grade          |       | 1.5                    | ASTM D-217  |
| <b>Density</b>                        |                     | 25°C  | 1.91 g/cm <sup>3</sup> | NYE CTM     |
| <b>Oil Separation</b>                 | 24 hour(s)          | 100°C | 5.8                    | ASTM D-6184 |
| <b>Evaporation</b>                    | 24 hour(s)          | 100°C | 0.02                   |             |

The typical properties shown on this product data sheet should not be used as a basis for preparing specifications. Refer to our product SDS for detailed safety information on this product. (1408)