## **Oilite**<sup>®</sup> Synthetic PERFORMANCE DIFFERENCE®

# SOT1303-02NT

## Super Oilite® Non-Tox

### Thrust

USDA H1 Approved Synthetic Lubricant: Non-Tox-SPD<sup>™</sup>. Economic High-Load Material.

Temp Range -75°F to +350°F



#### **Dimensions & Tolerances**

| Nominal ID:              | 0.75 "                                                                               |
|--------------------------|--------------------------------------------------------------------------------------|
| ID Max:                  | 0.758 "                                                                              |
| ID Min:                  | 0.748 "                                                                              |
| Nominal OD:              | 1.375 "                                                                              |
| OD Max:                  | 1.385 "                                                                              |
| OD Min:                  | 1.365 "                                                                              |
| Length:                  | 0.125 " ±0.005                                                                       |
| Weight:                  | 0.031 lbs / 14.1 g                                                                   |
| Press Fit                |                                                                                      |
| Housing Bore:            | 1.38169 " ±0.0005                                                                    |
| Shaft Diameter:          | 0.7524 " ±0.0002                                                                     |
| Temperature              |                                                                                      |
| Max Temp F / C:          | 350 / 177                                                                            |
| Min Temp F / C:          | -75 / -59                                                                            |
| Pressure Ratings         |                                                                                      |
| Max P:                   | 4000 (psi)                                                                           |
| Max V:                   | 225 (sf/m)                                                                           |
| Max PV:                  | 35000 (lb-ft/in <sup>2</sup> -min)                                                   |
| Calculated P:            | 0 (psi)                                                                              |
| Calculated V:            | 0 (sf/m)                                                                             |
| Calculated PV:           | 0 (lb-ft/in <sup>2</sup> -min)                                                       |
| Material Specifications  |                                                                                      |
| Lubrication:             | Self-Lubricating                                                                     |
| Regulations:             | USDA-H1 Certified<br>Lead-Free<br>Conflict Free<br>RoHS Certified<br>Reach Certified |
| Engineering Preferences: | Conducts Electricity                                                                 |
| Specifications Met:      | SAE 863<br>ASTM B-439 GR 4<br>FC-2000-K30                                            |

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