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

# FF1001-05NT

# **Oilite® Non-Tox**

### Flange

USDA H1 Approved Synthetic Lubricant: Non-Tox-SPD<sup>™</sup>. For Incidental Food Contact Applications.

Temp Range -75°F to +350°F



#### Dimensions & Tolerances

|                     | Nominal ID:              | 0.875 "  |  |
|---------------------|--------------------------|--|--|
|                     | ID Max:                  | 0.8765 "   |  |
|                     | ID Min:                  | 0.8755 "   |  |
|                     | Nominal OD:              | 1 "  |  |
|                     | OD Max:                  | 1.003 "  |  |
|                     | OD Min:                  | 1.002 "  |  |
|                     | Length:                  | 1.5 " ±0.005   |  |
|                     | Flange OD:               | 1.25 " ±0.005  |  |
|                     | Flange Thickness:        | 0.125 " ±0.0025  |  |
|                     | Weight:                  | 0.085 lbs / 38.6 g   |  |
| Press Fit           |                          |  |  |
|                     | Housing Bore:            | 1.0003 " ±0.0005   |  |
|                     | Shaft Diameter:          | 0.87168 " ±0.0002  |  |
| Temperature         |                          |  |  |
|                     | Max Temp F / C:          | 350 / 177  |  |
|                     | Min Temp F / C:          | -75 / -59  |  |
| Pressure Ratings    |                          |  |  |
|                     | Max P:                   | 2000 (psi)   |  |
|                     | Max V:                   | 1200 (sf/m)  |  |
|                     | Max PV:                  | 50000 (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 Specificat | ions                     |  |  |
|                     | Lubrication:             | Self-Lubricating   |  |
|                     | Regulations:             | USDA-H1 Certified<br>Lead-Free<br>Conflict Free<br>RoHS Certified<br>Reach Certified |  |
| E                   | Engineering Preferences: |  |  |
|                     | Specifications Met:      | SAE 841<br>ASTM B-438 GR 1 TYPE 2<br>CT-1000-K26                                     |  |

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