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

# TT1501-01FC

# **Oilite® Food-Contact**

### Thrust

Sintered Bronze Impregnated with Food Grade Mineral Oil: FDA 21 CFR 172.878.

Temp Range -10°F to +220°F



#### **Dimensions & Tolerances**

ID Max: 0.77 " ID Min: 0.76 " Nominal OD: 1.5625 " OD Max: 1.5775 " OD Min: 1.5475 " Length: 0.0937 " ±0.0025 Weight: 0.034 lbs / 15.4 g Press Fit Housing Bore: 1.57415 " ±0.0002 Shaft Diameter: 0.76415 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 1200 (sf/m) Calculated P: 0 (psi) Calculated P: 0 (psi) Calculated P: 0 (psi) Calculated P: 0 (psi) Calculated P: 0 (bf/tin <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified	Nominal ID:	0.75 "
Nominal OD: 1.5625 "           OD Max: 1.5775 "           OD Min: 1.5475 "           Length: 0.0937 " ±0.0025           Weight: 0.034 lbs / 15.4 g           Press Fit           Housing Bore: 1.57415 " ±0.0005           Shaft Diameter: 0.76415 " ±0.0002           Temperature           Max Temp F / C: 220 / 104           Min Temp F / C: -10 / -23           Pressure Ratings           Max V: 1200 (psi)           Max V: 1200 (sf/m)           Max V: 50000 (lb-ft/in <sup>2</sup> -min)           Calculated P: 0 (psi)           Calculated PV: 0 (lb-ft/in <sup>2</sup> -min)           Calculated PV: 0 (sf/m)           Calculated PV: 0 (lb-ft/in <sup>2</sup> -min)           Material Specifications           Lubrication: Self-Lubricating           Regulations: USDA-H1 Certified           Free           Conflict Free           Rould Cortified           Reach Certified	ID Max:	0.77 "
OD Max: 1.5775 " OD Min: 1.5475 " Length: 0.0937 " ±0.0025 Weight: 0.034 lbs / 15.4 g Press Fit Housing Bore: 1.57415 " ±0.0005 Shaft Diameter: 0.76415 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 1200 (sf/m) Calculated P: 0 (psi) Calculated P: 0 (psi) Calculated P: 0 (b-ft/in <sup>2</sup> -min) Calculated P: 0 (b-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified	ID Min:	0.76 "
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Weight: 0.034 lbs / 15.4 g         Press Fit         Housing Bore: 1.57415 " ±0.0005         Shaft Diameter: 0.76415 " ±0.0002         Temperature         Max Temp F / C: 220 / 104         Min Temp F / C: 220 / 104       Min Temp F / C: -10 / -23         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 P: 0 (psi)         Calculated PV: 0 (lb-ft/in <sup>2</sup> -min)         Material Specifications         Lubrication: Self-Lubricating         Regulations: USDA-H1 Certified         Food Contact Certified         Lead-Free       Conflict Free         RoHS Certified       Reach Certified	OD Min:	1.5475 "
Press Fit Housing Bore: 1.57415 " ±0.0005 Shaft Diameter: 0.76415 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 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 PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Length:	0.0937 " ±0.0025
Housing Bore: 1.57415 " ±0.0005 Shaft Diameter: 0.76415 " ±0.0002 Temperature Max Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 Pressure Ratings Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 1200 (sf/m) Calculated P: 0 (psi) 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 Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Weight:	0.034 lbs / 15.4 g
Shaft Diameter: 0.76415 " ±0.0002         Temperature         Max Temp F / C: 220 / 104         Min Temp F / C: 200 / 104         Min Temp F / C: -10 / -23         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 PV: 0 (lb-ft/in <sup>2</sup> -min)         Material Specifications         Lubrication: Self-Lubricating         Regulations: USDA-H1 Certified         Conflict Free         Conflict Free         Conflict Free         RoHS Certified         Reach Certified	Press Fit	
Temperature         Max Temp F / C: 220 / 104         Min Temp F / C: -10 / -23         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 V: 0 (sf/m)         Calculated PV: 0 (lb-ft/in <sup>2</sup> -min)         Material Specifications         Lubrication: Self-Lubricating         Regulations: USDA-H1 Certified         Food Contact Certified         Lead-Free         Conflict Free         RoHS Certified         Reach Certified	Housing Bore:	1.57415 " ±0.0005
Max Temp F / C: 220 / 104 Min Temp F / C: -10 / -23 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 PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Shaft Diameter:	0.76415 " ±0.0002
Min Temp F / C: -10 / -23  Pressure Ratings  Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 50000 (lb-ft/in <sup>2</sup> -min) Calculated P: 0 (psi) Calculated V: 0 (sf/m) Calculated V: 0 (lb-ft/in <sup>2</sup> -min)  Material Specifications  Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Temperature	
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 Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Max Temp F / C:	220 / 104
Max P: 2000 (psi) Max V: 1200 (sf/m) Max V: 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 Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Min Temp F / C:	-10 / -23
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 Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Pressure Ratings	
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 Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Max P:	2000 (psi)
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 Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Max V:	1200 (sf/m)
Calculated V: 0 (sf/m) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Max PV:	50000 (lb-ft/in <sup>2</sup> -min)
Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Calculated P:	0 (psi)
Material Specifications Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Calculated V:	0 (sf/m)
Lubrication: Self-Lubricating Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Calculated PV:	0 (lb-ft/in <sup>2</sup> -min)
Regulations: USDA-H1 Certified Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Material Specifications	
Food Contact Certified Lead-Free Conflict Free RoHS Certified Reach Certified	Lubrication:	Self-Lubricating
	Regulations:	Food Contact Certified Lead-Free Conflict Free RoHS Certified
Engineering Preferences: Conducts Electricity Corrosion Resistant	Engineering Preferences:	
Specifications Met: SAE 841 ASTM B-438 GR 1 TYPE 2 CT-1000-K26	Specifications Met:	ASTM B-438 GR 1 TYPE 2

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