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

## SOT2005-

## Super Oilite®

## Thrust

Iron-Based Sintered Product Impregnated with Extreme Pressure Synthetic AM3-SPD<sup>™</sup>. Higher Load-Slower Speed Designs Economic Alternative Material.

Temp Range -15°F to +300°F



Nominal ID: 1.5 " ID Max: 1.512 " ID Min: 1.492 " Nominal OD: 2.5 " OD Max: 2.516 " OD Min: 2.486 " Length: 0.125 " ±0.005 Weight: 0.095 lbs / 43.1 g Press Fit Housing Bore: 2.51154 " ±0.0005 Shaft Diameter: 1.50448 " ±0.0002 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -15 / -26 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 PV: 0 (lb/ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: Lead-Free Conflict Free RoHS Certified Reach Certified Conflict Free RoHS Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Reach Certified Conflict Free RoHS Certified Conflict Free RoHS Certified Reach Certified Conflict Free RoHS Certified Reach Certified Reach Certified Conflict Free RoHS Certified Conflict Free RoHS Certified Reach Certified Conflict Free RoHS Certified Reach Certified Conflict Free RoHS Certified Reach Certified Conflict Free RoHS Certified Conflict Free RoHS Certified Conflict Free RoHS Certified Conflict Free RoHS Certified Conflict Free RoHS Certified Conflict Free RoHS Certified Conflict Free Conflict Free RoHS Certified Conflict Free RoHS Certified Conflict Free Confl	Dimensions & Tolerances	
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Weight: 0.095 lbs / 43.1 g       Press Fit       Housing Bore: 2.51154 " ±0.0005       Shaft Diameter: 1.50448 " ±0.0002       Temperature       Max Temp F / C: 300 / 149       Min Temp F / C: -15 / -26       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 PV: 0 (lb-ft/in <sup>2</sup> -min)       Calculated VV: 0 (sf/m)       Calculated PV: 0 (lb-ft/in <sup>2</sup> -min)       Material Specifications       Lubrication: Self-Lubricating       Regulations: Lead-Free       Conflict Free       RoHS Certified       Reach Certified       Raterial Specifications Met: SAE 863       ASTM B-439 GR 4	OD Min:	2.486 "
Press Fit Housing Bore: 2.51154 " ±0.0005 Shaft Diameter: 1.50448 " ±0.0002 Temperature Max Temp F / C: 300 / 149 Min Temp F / C: -15 / -26 Pressure Ratings Max P: 4000 (psi) Max V: 225 (sf/m) Max V: 35000 (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: Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity Specifications Met: SAE 863 ASTM B-439 GR 4	Length:	0.125 " ±0.005
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Shaft Diameter: 1.50448 " ±0.0002       Temperature       Max Temp F / C: 300 / 149       Min Temp F / C: -15 / -26       Pressure Ratings       Max P: 4000 (psi)       Max V: 225 (sf/m)       Max V: 35000 (lb-ft/in <sup>2</sup> -min)       Calculated P: 0 (psi)       Calculated P: 0 (sf/m)       Calculated PV: 0 (lb-ft/in <sup>2</sup> -min)       Material Specifications       Lubrication: Self-Lubricating       Regulations: Lead-Free       Conflict Free       RoHS Certified       Reach Certified       Reach Certified       Reach Certified       Reach Certified       Reach Certified       Reach Certified       Conflict Free       RoHS Certified       Reach Certified	Press Fit	
Temperature       Max Temp F / C: 300 / 149       Min Temp F / C: -15 / -26       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 P: 0 (sf/m)       Calculated V: 0 (sf/m)       Calculated PV: 0 (lb-ft/in <sup>2</sup> -min)       Material Specifications       Lubrication: Self-Lubricating       Regulations: Lead-Free       Conflict Free       RoHS Certified       Reach Certified       Reach Certified       Repuisering Preferences: Conducts Electricity       Specifications Met: SAE 863       ASTM B-439 GR 4	Housing Bore:	2.51154 " ±0.0005
Max Temp F / C: 300 / 149 Min Temp F / C: -15 / -26 Pressure Ratings Max P: 4000 (psi) Max V: 225 (sf/m) Max V: 35000 (lb-ft/in <sup>2</sup> -min) Calculated P: 0 (psi) Calculated P: 0 (sf/m) Calculated PV: 0 (lb-ft/in <sup>2</sup> -min) Material Specifications Lubrication: Self-Lubricating Regulations: Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Engineering Preferences: Conducts Electricity Specifications Met: SAE 863 ASTM B-439 GR 4	Shaft Diameter:	1.50448 " ±0.0002
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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: Lead-Free Conflict Free RoHS Certified Reach Certif	Max Temp F / C:	300 / 149
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: Lead-Free Conflict Free RoHS Certified Reach Certified Reach Certified Engineering Preferences: Conducts Electricity Specifications Met: SAE 863 ASTM B-439 GR 4	Min Temp F / C:	-15 / -26
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: Lead-Free Conflict Free RoHS Certified Reach Certified Engineering Preferences: Conducts Electricity Specifications Met: SAE 863 ASTM B-439 GR 4	Pressure Ratings	
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Specifications Met: SAE 863 ASTM B-439 GR 4	Regulations:	Conflict Free RoHS Certified
ASTM B-439 GR 4	Engineering Preferences:	Conducts Electricity
FC-2000-K30	Specifications Met:	

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