



## Update Your Bearing Inventory

Factory Authorized - Relubrication to Your Specifications

### ISO Class 6 (Class 1000) Cleanroom Facility Near Seattle, WA

- AS9100/ISO and Factory Certified Facility
- Complete Documentation and Traceability for All Orders
- Relubricate and Refresh Expired Bearing Inventory
- Extensive Range of Lubricant Options
- Small and Large Volume Orders Accepted (From 1 to 100,000)
- Same Day Service Available



QUALITY  
ISO  
9001:2008  
AS9100  
REGISTERED

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*Global Solutions on a National Level*



## COMMONLY LUBRICATED BEARING TYPES

- Miniature Ball Bearing
- Needle Roller Bearings
- Angular Contact Bearings
- Deep Groove Ball Bearings
- Medical Instrument Bearings
- Thin Section Bearings
- Track Roller Bearings
- Linear Bearings
- Metal-to-Metal Spherical Bearings

## COMMONLY RELUBRICATED AIRFRAME BEARINGS

- |         |         |
|---------|---------|
| MS27640 | KP()    |
| MS27641 | KP()A   |
| MS27642 | KP()B   |
| MS27644 | DPP()   |
| MS27646 | B500DD  |
| MS27647 | DW()    |
| MS27648 | KP()BS  |
| MS27649 | AW()AK  |
| MS21428 | MB500DD |



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## LUBRICANT AND FILL SPECIFICATIONS

NPB stocks a wide variety of specialty lubricants including food grade, low outgassing, and corrosive resistant greases. Below is a table of commonly specified lubricants.

BRAND NAME	BASIC TYPE	OPERATING TEMP. F	USES
<b>Windsor L-245X (MIL-L-6085)</b>	Synthetic Oil	-65 to +300	Light general purpose oil. Low torque.
<b>Beacon 325</b>	Synthetic Grease	-65 to +250	General purpose grease. Low torque.
<b>Royco 27 (MIL-PRF-23827)</b>	Synthetic Grease	-100 to +275	Corrosion resistant. Heavy loads and high speed.
<b>Rheotemp 500</b>	Synthetic (Non-silicone) Grease	-65 to +350	Oxidation inhibitor. High temperature and high speed.
<b>Mobil 28 (MIL-PRF-81322)</b>	Synthetic Hydrocarbon Grease	-65 to +350	Low torque. Low speed oscillation.
<b>SRI-2</b>	Mineral Grease	-20 to +350	Long life. Water resistant. High speed and high temperature.
<b>Krytox 240AC</b>	Fluorinated Grease	-30 to +550	High temperature.
<b>Multitemp SRL</b>	Synthetic Grease	-40 to +300	Very quiet. Low torque.
<b>Braycote Micronic 601EF</b>	Perfluorinated Polyether Grease	-112 to +400	Low pressure/vacuum environments. Hostile chemical environments.
<b>Aeroshell 33 (BMS3-33)</b>	Synthetic Grease	-100+250	Corrosion resistant. Heavy loads.

Standard or special lubricant fill rates can be requested depending on type of bearing. Standard fill for miniature ball bearings is 25-35% fill, standard fill for many airframe type bearings is 80-100%. Grease Plating, centrifuge, and other special application methods are available on request.