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FUTURA - Installation and Operation

Installation & Servicing Tips

1. Always ensure that newly installed bearings are pre-packed prior to installing lubricator.
2. Pre-lubricate bearings using a grease gun to ensure that the point can receive grease freely. Clean all fittings to prevent contamination.
3. Select the appropriate dispensing rate to suit each application.
4. Decide whether to direct or remote mount depending on access and safety considerations. When remote mounting, do not exceed the recommended line dimensions.
5. Activate the lubricator prior to installation by fully inserting the activation screw. When the activator becomes hand tight, take a screw driver and insert it through the top ring of the activator. Continue to tighten until the O-ring breaks off. **DO NOT** break ring off by hand.
6. Write the installation and replacement dates on the lubricator and record the dates in the site maintenance scheduling system or keep a separate record.
7. Screw the lubricator into the grease port by hand - tools are not necessary.
8. Once installed the lubricator should be periodically inspected to check that accidental damage has not occurred.
9. Change-out lubricator on the planned date.
10. When changing-out empty lubricators, manually purge the bearing to ensure the lubrication conditions have not changed.

Troubleshooting

Observation	Solution
Grease dispensing too quickly	**Average ambient temperature too high for activator type** -Select slower activator type OR -Remote mount away from heat source OR -Change to STAR VARIO for temp. independent dispensing
Grease dispensing too slowly	**Average ambient temperature too low for activator type** -Select faster activator type OR -Change to STAR VARIO for temp. independent dispensing **Resistance to grease flow too high** -Manually purge point to ensure that grease can be freely received by bearing THEN -Reduce grease line length AND/OR increase line diameter OR -Eliminate restrictions caused by small orifice fittings OR -Select faster activator type OR -Select grease with better pumpability
Grease spurts from lubricator when removed from service	**Resistance to grease flow too high** -Manually purge point to ensure that grease can be freely received by bearing THEN -Reduce grease line length AND/OR increase line diameter OR -Eliminate restrictions caused by small orifice fittings OR -Change to STAR VARIO for higher pressure output

Remote Installations

Direct mount where safe to provide optimal access to the bearing. If remote mounting is necessary use lines which are no more than 3 feet long and with an internal diameter of at least 3/8". Smaller diameter lines increase resistance to grease flow.

Always prime grease lines and pre-grease bearings. Minimize small orifice restrictions and ensure that the bearing will freely receive grease.