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Service Tips and Best Practices

Properly Packing Bearings

Brand	BXT	Product	Bearings	Date	June 2020
Part Number(s)	Multiple				

Issue: Premature failure of serviceable bearing due to incorrect amount of grease.

Serviceable bearings require the correct type and amount of grease. An insufficient amount of grease may lead to overheating and rapid wear due to inadequate lubrication. Conversely, an excess amount of grease may cause leaching (grease escaping and damaging the external seal) and churn, leading to excessive operating temperatures and a breakdown of grease due to insufficient heat dissipation.

Solution

Using a bearing packer tool filled with the correct type of grease (NLGI #2) will ensure that the appropriate amount of grease is evenly injected. Prevent contaminants from entering bearing assembly or packer tool. Bearing assembly should be approximately 1/3 to ½ filled with grease.

1. Place bearing assembly into packer tool.
2. Operate packer tool according to instructions. This will inject grease between rolling elements, races and cage.
3. Coat rolling elements and outer race with any excess grease.

Properly packing bearings will assist in extending component service life and prevent premature failure.

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