

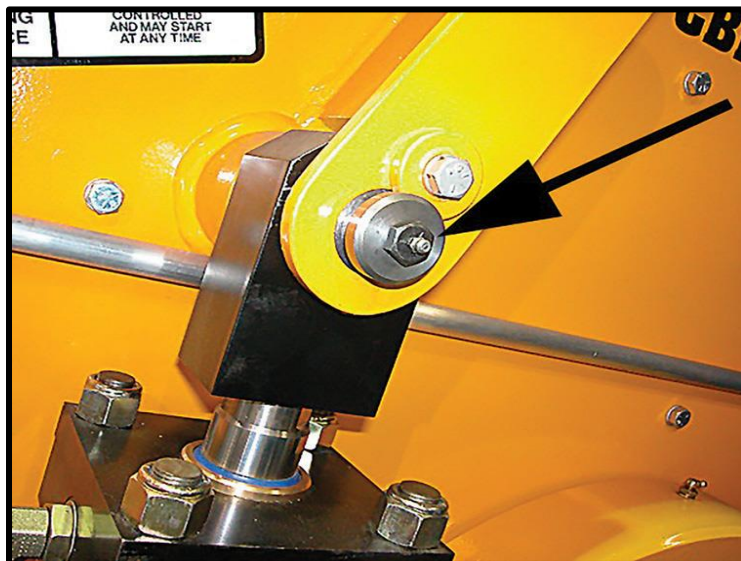
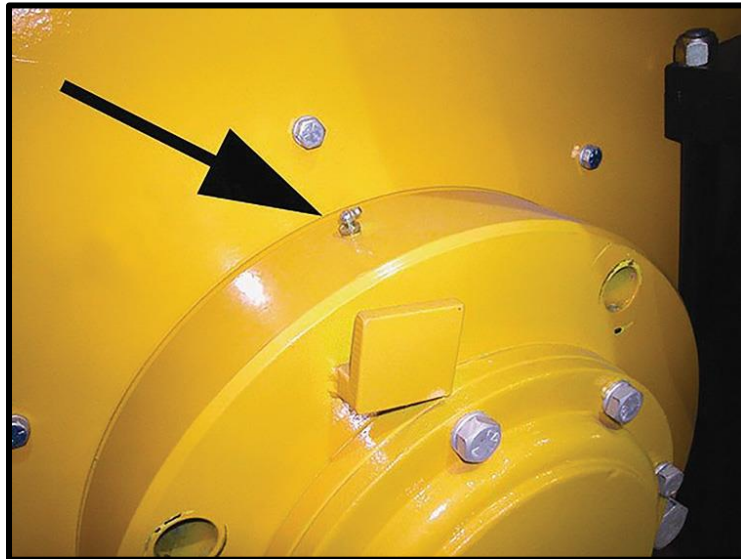


PARTS and SERVICE

GRIZZLY MILL HOG

ROTOR BEARING

LUBRICATION





ROTOR BEARING LUBRICATION

Proper lubrication of the bearings is of the **utmost importance** to prevent bearing loss due to overheating. **Brunette Machinery** recommends that the user contact their local lubrication engineer for a specific lubricant recommendation and its proper application for the intended usage. If a lubrication engineer's advice is not available, the following methods and recommendations should be used.

GREASE

Use grease with EP additive (extreme pressure) for the shock loads.

Avoid greases with Molybdenum Disulfide additives because this compound may precipitate on the bearing surfaces and produce rough spots. Grease with high oil content is desirable.

Grease types and usage could be:

1. Use NLGI Grade-2 for operating temperature range of (-30°C to 150°C) -22°F to 300°F.
2. Use NLGI Grade-1 for operating temperature range of (-30°C to 150°C) -22°F to 300°F.
3. Use NLGI Grade-0 for operating temperature range of (-35°C to 110°C) -31°F to 230°F.
4. Use Arctic type greases for temperatures below (-35°C) -31°F.

ON START-UP

- Apply grease to the new bearing using an injector needle from the inside to the outside. Fill 100% of the bearing raceway cavity **ONLY**. Rotate the bearing as grease is being filled. Fill the bearing housing free space with 20 to 30% grease.
- Run in the new bearings for four (4) hours.
- Both bearing temperatures should be checked every 15 minutes with a reliable handheld infrared temperature sensor (heat gun).
- Record bearing temperatures digitally or manually.

NOTE:

The nominal operating temperature for the rotor bearings is 80° to 150°F (27° to 66° C). Shop tested at ambient 72°F (22°C) temperature.

CAUTION:

If the bearings are running hot, **DO NOT** add more grease or change to a heavier grade of grease. A heavier grade may cause the bearings to run even hotter.

Operating temperatures up to 200°F (93°C) are permissible.

DO NOT operate the machine if the bearing housing exceeds 200°F.

If an excessive temperature is observed, the bearings should be shut down, cooled, purged of all old grease, flushed clean and re-greased.

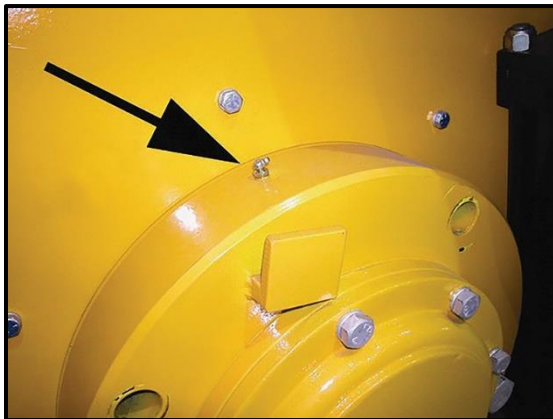
Consult a local lubrication engineer if possible.



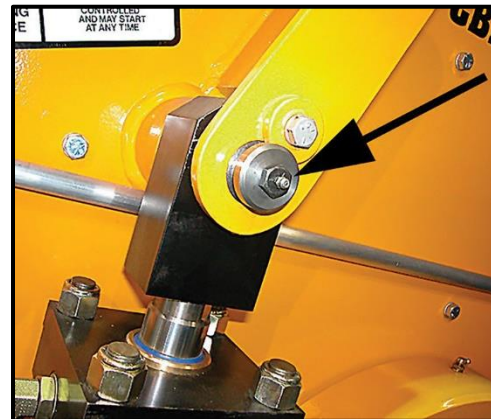
LUBRICATION SCHEDULE

Proper lubrication of the bearings is of the **utmost importance** to prevent bearing loss due to overheating. Brunette Machinery recommends the following lubrication schedule.

Item	Description	Interval
<p>Bearings</p>	<p>Apply [5] strokes maximum from a standard hand-operated grease gun to each bearing.</p> <p>Lubricate bearing to purge old grease from bearings.</p>	<p>Every forty [40] operating hours</p> <p>2000 Hours</p>
<p>Hood Lift Cylinder Clevis Pin</p>	<p>Apply two [2] strokes from a standard hand-operated grease gun to the clevis pin.</p>	<p>Every forty [40] operating hours [ie: weekly]</p>



Bearing Lubrication Point



Cylinder Clevis Pin Lubrication Point



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