

# **Lubrication and Maintenance Schedule**

## **Vibrating Grizzly Feeder**

### **(Type HF Vibrating Unit)**



<b>Maintenance</b>	<b>Daily Start-up</b>	<b>Daily Shutdown</b>	<b>Weekly</b>	<b>Monthly</b>	<b>Annually</b>	<b>As Req'd</b>	<b>Notes:</b>
CHECK OIL LEVEL AT PETCOCKS ON EACH SIDE OF VIBRATING UNIT. ADD OIL IF NEEDED.	•						
CHECK OIL LEVEL IN OIL TANK SIGHT GAUGE. (FEEDERS EQUIPPED WITH EXTERNAL OIL LUBRICATION SYSTEM ONLY)	•						
INSPECT VIBRATING UNIT AIR BREATHERS. CLEAN OR REPLACE IF CLOGGED.	•						
CHECK FOR OIL LEAKAGE. REPAIR ANY LEAKS BEFORE START-UP.	•						
REMOVE ANY BUILT-UP DIRT OR STONE FROM FEEDER PAN AND GRIZZLY BARS.	•						
CHECK THAT LIVE FRAME MOVES FREELY WITHOUT INTERFERENCE. (EMPTY, LOADED, AND DURING START-STOP)	•						
CHECK VIBRATING UNIT BEARINGS FOR EXCESSIVE HEAT.		•					CHECK AT VIBRATING UNIT SIDE COVERS.*

\*Note: Typical bearing temperature is about 140° to 150°F for most feeders. Bearing temperatures above 160°F are considered higher than normal. Bearing temperature should never exceed 180°F.

**Warning:** Lockout/tagout power before performing any lubrication, maintenance, adjustments or repairs!

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Maintenance	Daily Start-up	Daily Shutdown	Weekly	Monthly	Annually	As Req'd	Notes:
CLEAN UP ANY SPILLAGE AROUND SUPPORT STRUCTURE AND MOTOR.		•					
REMOVE BUILT-UP DIRT OR STONE FROM COIL SPRINGS.		•					
CHECK OIL FOR IMPURITIES (OIL SAMPLE).			•				
CHECK NUTS AND BOLTS FOR TIGHTNESS.			•				
CHECK GRIZZLY BARS AND FEEDER PAN FOR WEAR OR DAMAGE.			•				
CHECK LIVE FRAME FOR DAMAGE, UNUSUAL WEAR OR LOOSE MEMBERS.			•				
CHECK THAT LIVE FRAME IS LEVEL.			•				
INSPECT ALL COIL SPRINGS. REPLACE ANY SAGGING OR BROKEN SPRINGS.			•				

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CHECK V-BELT TENSION. INSPECT V-BELTS FOR WEAR OR DAMAGE.			•				
REMOVE ANY BUILT-UP DUST AND DIRT FROM SHEAVES.			•				
CHECK SHEAVES FOR TIGHTNESS AND PROPER ALIGNMENT.			•				
CHECK DRIVE GUARD FOR TIGHTNESS AND PROPER INSTALLATION.			•				
CHECK SUPPORT STRUCTURE FOR DAMAGE, UNUSUAL WEAR, OR LOOSE MEMBERS.				•			
CHECK CHUTES AND HOPPERS FOR WEAR.				•			
CLEAN OUT ALL CHUTES, HOPPERS AND ROCK BOXES.					•		
LUBRICATE OVERHUNG LOAD ADAPTER. (IF EQUIPPED - FEEDERS WITH HYDRAULIC MOTOR ONLY)					•		REFER TO MFG.'S MANUAL.

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CHECK SPEED AND STROKE. VERIFY THAT THE SPEED AND STROKE COMBINATION IS CORRECT FOR YOUR FEEDER.						•	CHECK IF MOTOR OR SHEAVES ARE REPLACED.
CHANGE VIBRATING UNIT OIL. (FEEDERS <u>NOT</u> EQUIPPED WITH EXTERNAL OIL LUBRICATION SYSTEM)						•	CHANGE OIL EVERY 300 HOURS.*
CHANGE LUBRICATION SYSTEM OIL. (FEEDERS EQUIPPED WITH EXTERNAL OIL LUBRICATION SYSTEM ONLY)						•	CHANGE OIL EVERY 500 HOURS.*
REPLACE OIL FILTER ELEMENT. (FEEDERS EQUIPPED WITH EXTERNAL OIL LUBRICATION SYSTEM ONLY)						•	AT OIL CHANGE OR WHEN FILTER INDICATOR SHOWS BYPASS.
LUBRICATE ELECTRIC MOTOR. (IF EQUIPPED)						•	REFER TO MFG.'S MANUAL FOR INTERVAL.

\* Note: Actual oil change interval may vary, depending on environmental conditions, feeder size, vibrating unit speed/stroke combination and other factors. Weekly oil sampling is strongly recommended.

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