

## **Lubrication & Maintenance Schedule**

### **Telsmith D-Series Jaw Crushers**

<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>
LUBRICATE THE THRUST SHAFTS.	•						Re-lubricate every 4 hours
LUBRICATE THE TENSION ROD SLEEVES AND BUSHINGS.	•						Re-lubricate every 4 hours
LUBRICATE THE MAIN FRAME AND SWING JAW BEARINGS.*	•						Re-lubricate every 8 hours
CHECK TIGHTNESS OF JAW DIE BOLTS. (USE HAMMER AND SLUGGING WRENCH)	•						
CHECK TIGHTNESS OF TOGGLE BEAM CLAMPING BOLTS. (IF EQUIPPED)	•						
CHECK THE LUBRICATION SYSTEM OIL LEVEL.**	•						
RUN THE OIL PUMP FOR 15 MINUTES BEFORE STARTING CRUSHER. CHECK FOR OIL LEAKS.**	•						
CHECK FOR RETURN OIL FLOW IN ALL SIGHT GAUGES BEFORE STARTING CRUSHER.**	•						
CHECK OIL PRESSURE.** (8 TO 12 PSI – TYPICAL, WHEN OIL IS HOT)	•						Recheck every 4 hours

\* Crushers with grease lubricated bearings only

\*\* Crushers equipped with oil lubrication system only

**Warning:** Lockout/tagout power to crusher drive before performing any lubrication, maintenance, adjustment or repair procedures!  
Shut-off fuel supply and disconnect batteries if crusher is powered by a diesel engine.

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CHECK OIL TEMPERATURE.** (100 TO 150°F – TYPICAL, WHILE CRUSHING)	•						Recheck every 4 hours
DEPRESS HORN TEST BUTTON. ALARM HORN MUST SOUND.**	•						Recheck every 4 hours
CHECK FOR UNUSUAL NOISE OR VIBRATION.	•						
VERIFY THAT MATERIAL FEED IS EVENLY DISTRIBUTED.	•						
CLEAN UP SPILLAGE AND DEBRIS AROUND CRUSHER.		•					
INSPECT CHEEK PLATES FOR CRACKS OR WEAR.			•				
INSPECT JAW DIES FOR CRACKS OR WEAR.			•				
CHECK TIGHTNESS OF NUTS AND BOLTS.			•				
CHECK DISCHARGE OPENING FOR PROPER SETTING.			•				
INSPECT THRUST SHAFT TIPS. REPLACE IF WORN.			•				

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CHECK THRUST SHAFT CLEARANCE. (SEE OPERATOR'S MANUAL FOR SPECIFICATIONS)			•				
CHECK TENSION ROD SLEEVES AND BUSHINGS FOR WEAR.			•				
CLEAN DIRT AND DUST FROM OIL SYSTEM. INSPECT OIL SYSTEM GAUGES AND COMPONENTS.**			•				
INSPECT HOSES AND PIPES FOR WEAR OR FATIGUE.**			•				
PERFORM OIL ANALYSIS.**			•				
CHECK HYDRAULIC SYSTEM OIL LEVEL.				•			
INSPECT V-BELTS FOR WEAR. CHECK V-BELT TENSION.				•			
CHECK THAT DRIVE GUARDS ARE TIGHT.				•			
CHECK THAT SUPPORT STRUCTURE IS LEVEL.				•			

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CHECK FOR BROKEN STRUCTURAL MEMBERS OR CRACKED WELDS. MAKE REPAIRS AS REQUIRED.				•			
CHANGE OIL IN HYDRAULIC ADJUSTING PUMP. (HAND PUMP OR ELECTRIC PUMP)					•		
CLEAN OUT ALL CHUTES, HOPPERS AND ROCK BOXES.					•		
CHANGE LUBRICATION SYSTEM OIL. CLEAN INTERIOR OF OIL TANK.**						•	CHANGE EVERY 600 HOURS
REPLACE OIL FILTER ELEMENT AT EACH OIL CHANGE AND WHEN INDICATOR SHOWS BYPASS (TURNS RED).**						•	CHECK INDICATOR ONLY WHEN OIL IS HOT.

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