

Lubrication & Maintenance Schedule

Telsmith D-Series Jaw Crushers

| Maintenance | Daily Start-up | Daily Shutdown | Weekly | Monthly | Annually | As Req'd | Notes: |
|---|-----------------------|-----------------------|---------------|----------------|-----------------|-----------------|----------------------------|
| 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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