

Lubrication & Maintenance Schedule

Telsmith 3258 Jaw Crushers

Maintenance	Daily Start-up	Daily Shutdown	Weekly	Monthly	Annually	As Req'd	Notes:
LUBRICATE THE TENSION CYLINDER PIN BUSHINGS (4 FITTINGS). (APPLY 0.25 OUNCE OF GREASE) (ABOUT 2 PUMPS ON STANDARD GREASE GUN).	•						Re-lubricate every 4 hours
LUBRICATE THE MAIN FRAME AND SWING JAW BEARINGS. * (APPLY 1.0 OUNCE OF GREASE PER BEARING, UNLESS EQUIPPED WITH OPTIONAL GREASE LUBRICATION SYSTEM) (4 FITTINGS)	•						Re-lubricate every 8 hours
CHECK TIGHTNESS OF JAW DIE BOLTS. (USE HAMMER AND SLUGGING WRENCH)	•						
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. ** (30 TO 50 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 140°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. (SHUT DOWN AND INVESTIGATE.)	•						
VERIFY THAT MATERIAL FEED IS EVENLY DISTRIBUTED.	•						
CHECK HYDRAULIC SYSTEM OIL LEVEL.	•						
CLEAN UP SPILLAGE AND DEBRIS AROUND CRUSHER.		•					
LUBRICATE THE MAINFRAME AND SWING JAW SPACER LABYRINTHS (4 FITTINGS)			•				
INSPECT CHEEK PLATES FOR CRACKS OR WEAR.			•				
INSPECT JAW DIES FOR CRACKS OR WEAR.			•				

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CHECK TIGHTNESS OF NUTS AND BOLTS.			•				
CHECK DISCHARGE OPENING FOR PROPER SETTING.			•				
CHECK TENSION CYLINDER PINS AND BUSHINGS FOR EXCESSIVE WEAR.			•				
CLEAN DIRT AND DUST FROM OIL / GREASE LUBRICATION SYSTEM. INSPECT OIL SYSTEM GAUGES AND COMPONENTS. **			•				
INSPECT HOSES AND PIPES FOR WEAR OR FATIGUE.			•				
PERFORM OIL ANALYSIS. **				•			
INSPECT V-BELTS FOR WEAR. CHECK V-BELT TENSION.				•			
CHECK THAT DRIVE GUARDS ARE TIGHT.				•			
CHECK FOR BROKEN STRUCTURAL MEMBERS OR CRACKED WELDS. MAKE REPAIRS AS REQUIRED.				•			

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FULLY CYCLE HYDRAULIC RELIEF CYLINDERS FORWARD AND BACKWARD. (REPLENISHES HYDRAULIC FLUID IN CYLINDERS)				•			
CHANGE OIL IN HYDRAULIC SYSTEM.					•		
CLEAN OUT ALL CHUTES, HOPPERS AND ROCK BOXES.					•		
CHECK TOGGLE TENSION CYLINDER AND RELIEF CYLINDER ACCUMULATOR PRE-CHARGE.					•		RELIEF CYL CIRCUIT = 1800 PSI
							TOGGLE CYL CIRCUIT = 1500PSI
PURGE GREASE FROM MAINFRAME AND SWING JAW BEARINGS. * (PURGE IF EXCESSIVE BEARING TEMPERATURES OBSERVED.)					•	•	
CHANGE LUBRICATION SYSTEM OIL. CLEAN INTERIOR OF OIL TANK. **						•	CHANGE EVERY 600 HOURS

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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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