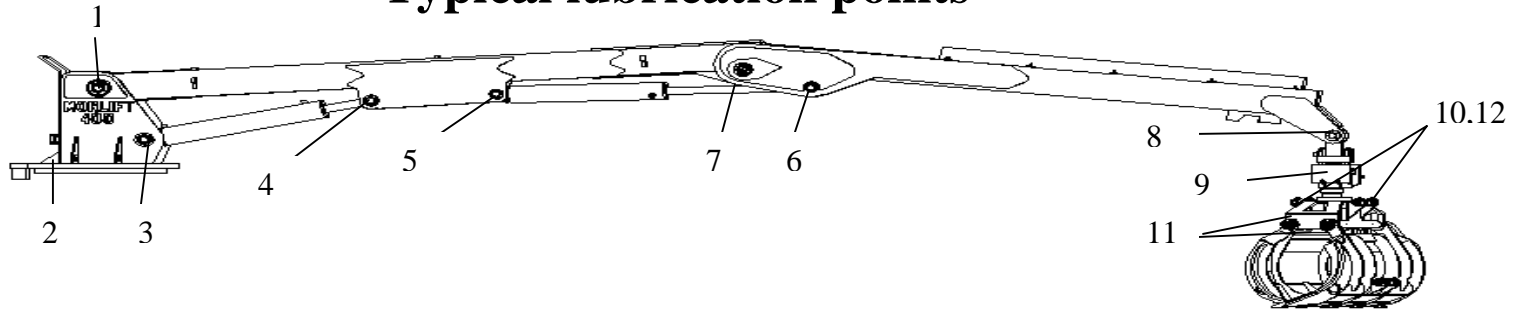
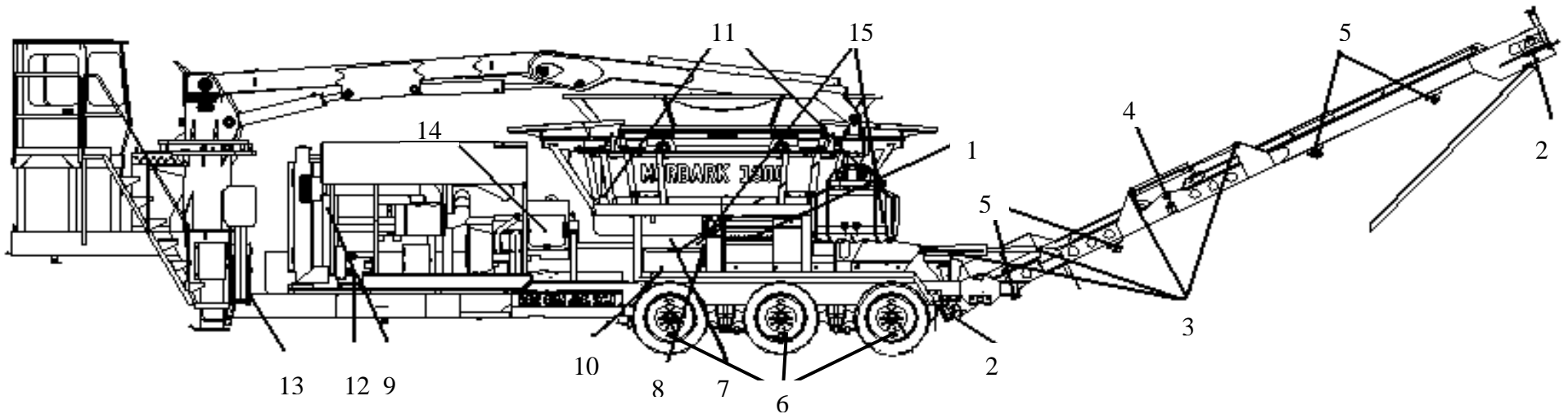


S/N		Morbark Tub Grinder Daily inspections					Crew Number															
HOURLY METER READING AT END OF WEEK		Crew Supervisor Name			Inspected By: Print Name			Week Ending Date														
Daily Start up inspection and Every 8 hrs				S	M	T	W	T	F	S	Recommend lubrication		Use only EP rated grease									
				u	o	u	e	h	r	a	S	Every 8 hrs		u	M	T	W	T	F	S		
				n	n	e	n	u	i	t	n			n	o	u	e	h	r	a		
Complete machine	visual inspection (condition, leaks)/Clean																					
Engine oil	check/increase to full level																					
Engine coolant	check, fill as needed										Main boom pin											
Bolts/studs/capscrews (3)	Tighten or Replace										Turntable bearing											
Wet clutch gear box (7)	Check while disengaged and running at idle										Main boom cylinder (barrel and rod end)											
Over center clutch (2)	Check/Adjust/Replace when worn										Jib boom cylinder (barrel and rod end)											
Hydraulic oil	Check/Increase to 3/4 full										Main boom to jib boom pin											
Engine air filter (1)	Clean when indicator is red										Jib boom to knuckle											
Radiator (4)	Blow clean with compressed air										Knuckle to grapple											
Chain Drives/Sprockets	Check Tension/Replace when worn										Grapple cylinder (barrel and rod end)											
Hoses/fittings	Check/fix if Leaky										Grapple pivot pin											
Every 4 hrs											Conveyor return rollers											
Radiator screen (4)	Tap screen and blow out with compressed air										Auger bearings											
Engine air pre-cleaner	Tap screen and blow out with compressed air										Tub drive chain tightening assay (6)											
Inserts	Inspect replace when worn or damaged										Clutch bearings											
Hammers	Inspect replace when worn or damaged										Torque limiter		3 shots of good lithium grease daily									
Wearplates	Inspect replace when worn or damaged										inner bearing		8 shots of good lithium grease after disengagement									
Hammers Rods	Inspect replace when worn or damaged										Torque limiter elements		2 shots to each element w/Mobil xtc grease									
Rakers	Inspect replace when worn or damaged										Every 40 hrs											
Bearings	Inspect replace when worn or damaged										Hammer rods (6)											
Conveyor Rollers	Inspect replace when worn or damaged										Conveyor bearings											
All Belt/sheaves (3)	Inspect replace when worn or damaged										Conveyor hinge pins											
Every 160 hrs											Wheel hubs (5)											
Hydraulic pump belts	Tighten to correct tension/Replace if worn or danged										Tub tilt cylinder pins/ tub tilt pins											
Check Rust inhibitor/Increase to engine manufacture spec's											Every 160 hrs											
Every 400 hrs											Drive shaft slip joints											
Hydraulic pump filters	Replace										Fan hub (caterpillar only)											
Note: engine oil & coolant spec's are not provided because of the variety of engine's that are put on the machines. See oem manual for there spec's											Every 300 hrs											
Comments:											Side load adaptor (2 shots of grease)											
											Every 400 hrs											
											Torque limiter elements		tear down inspect, clean and re grease with Mobil xtc grease									
											Every 1000 hrs											
1) Engine compression may change indicator. Therefore, try to reset the indicator by pressing the rubberized button before cleaning pre-cleaner or changing air filters											Stabilizers											
2) Adjustments of new clutch must be done several times within the break in period to insure proper operation. See oem manual for adjustment procedures.											Wet clutch gear oil/ replace (7)											
3) During 1st week check all belts & bolts every 8hrs, after 1st week follow above procedures											Mill bearing change grease completely											
4) Never clean your radiator with water it will cause it to cake up and plug											Every 2000 hrs											
5) 80w/90w gear oil											Replace and Increase Hydraulic oil to 3/4 full											
6) Spray down with good quality spray lube grease											For Greasing locations Use Diagram on Back Page											
7) Refer to the information plate on your clutch to find the correct oil for your climate											Inspector's Signature:		Date:									
legend: G=Good, P=Poor, ~=Does not apply																						
DO NOT LEAVE ANY PORTION OF THIS FORM INCOMPLETE																						

Typical lubrication points



- | | |
|--|---|
| 1 Main boom pin | 7 Main boom to jib boom end |
| 2 Turntable | 8 Jib boom to knuckle |
| 3 Main boom cylinder (barrel end) | 9 Knuckle to grapple |
| 4 Main boom cylinder (rod end) | 10 Grapple cylinder (barrel end) |
| 5 Jib boom cylinder (barrel end) | 11 Grapple cylinder (rod end) |
| 6 Jib boom cylinder (rod end) | 12 Grapple pivot pin |



- | | | |
|---|-------------------------------------|--|
| 1 Hammer rods | 6 Wheel hub (both side) | 11 Tub drive chain tightener assy |
| 2 Conveyor bearings | 7 Drive shaft slip joints | 12 side load adaptor |
| 3 Conveyor cylinder | 8 Tub tilt cylinder pins | 13 Stabilizers cylinder pins |
| 4 Conveyor hinge pines (both side) | 9 Fan hub (caterpillar only) | 14 Torque limiter |
| 5 Return rollers | 10 Auger bearings | 15 Hammer mill bearings |

Most lube points are typically found on both sides of the machines