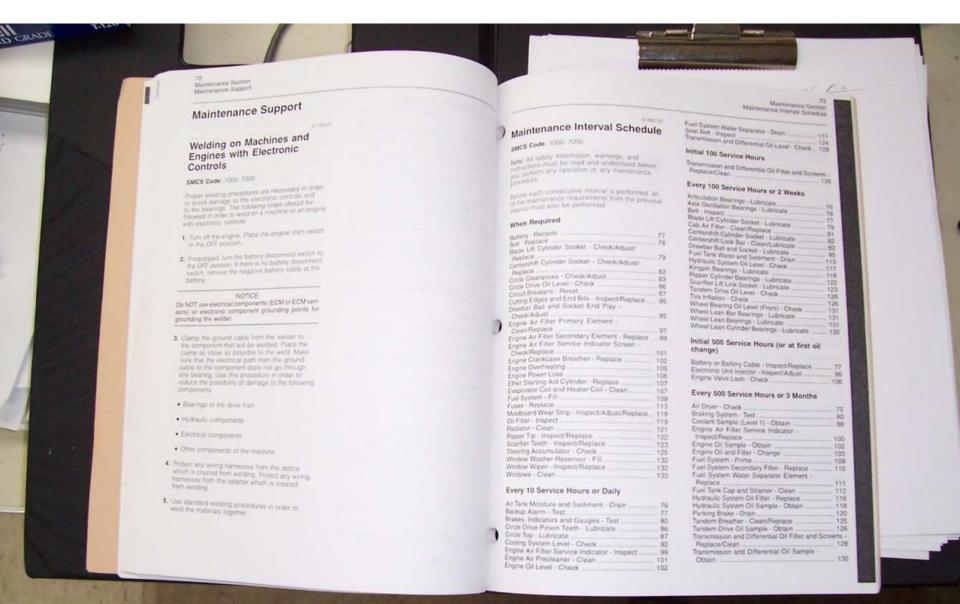
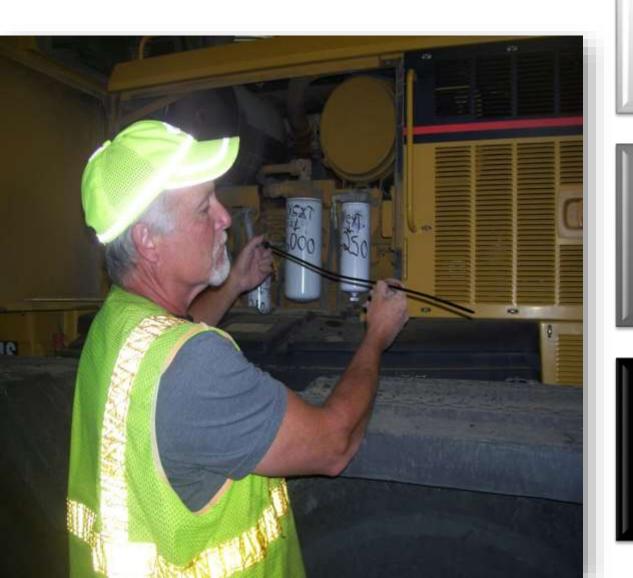
DAILY CHECKS AND PREVENTIVE MAINTENANCE FOR MOTORGRADER



Read Maintenance Interval Schedule **before** operating grader



Engine Oil

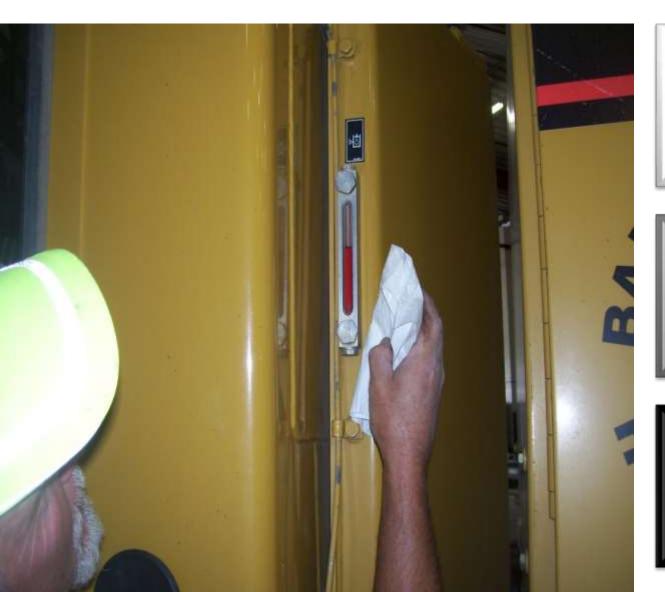


Check engine oil level daily

Check for discoloration

Smell oil for hints of diesel

Hydraulic Oil



Check daily

Watch for discoloration

Start shift with level at full.

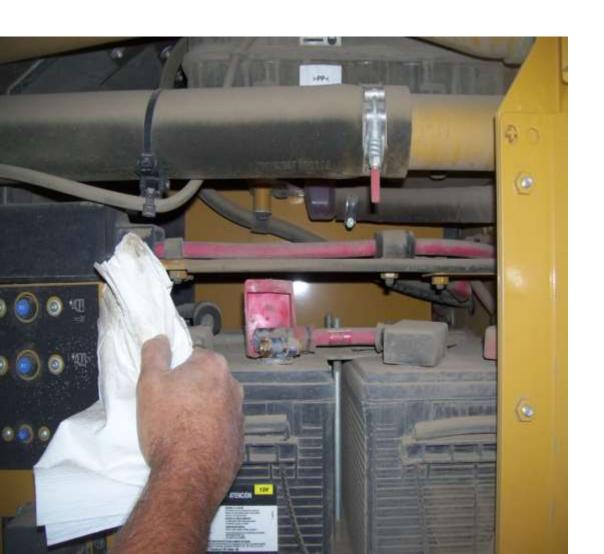
Transmission Oil



Check oil level in transmission

See owners manual because machine may have to be running to check level

Batteries



Check battery fluid level according to service manual

Fill with recommended fluid only

Clean corrosion from connections when needed

Refer to manual before jump starting

Coolant level



Make sure proper level is maintained

Check for discoloration

Check strength seasonally for cold weather operation (see operators manual)

Air Filter



Check daily for dirt

May need to check several times daily for snow

Clean by tapping with hand only

Replace when wet

Air Cleaner Restriction Gauge



Check gauge for proper operation daily



Inspect Tires Daily

Check for proper pressure



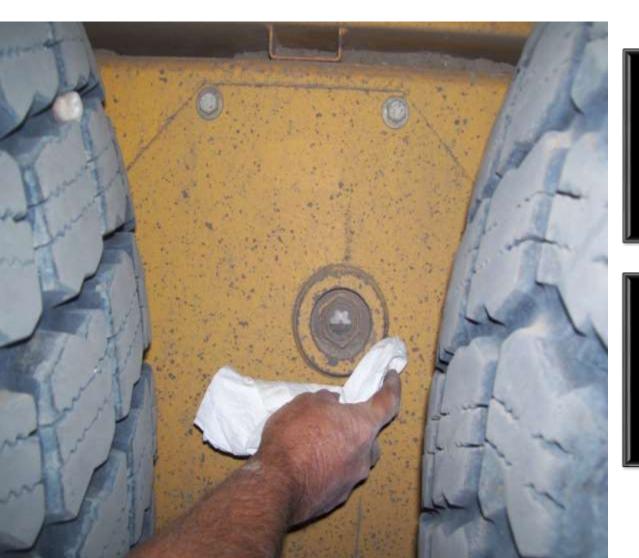
Inspect for wear

Check recaps for tread separation

Check for objects sticking in tire

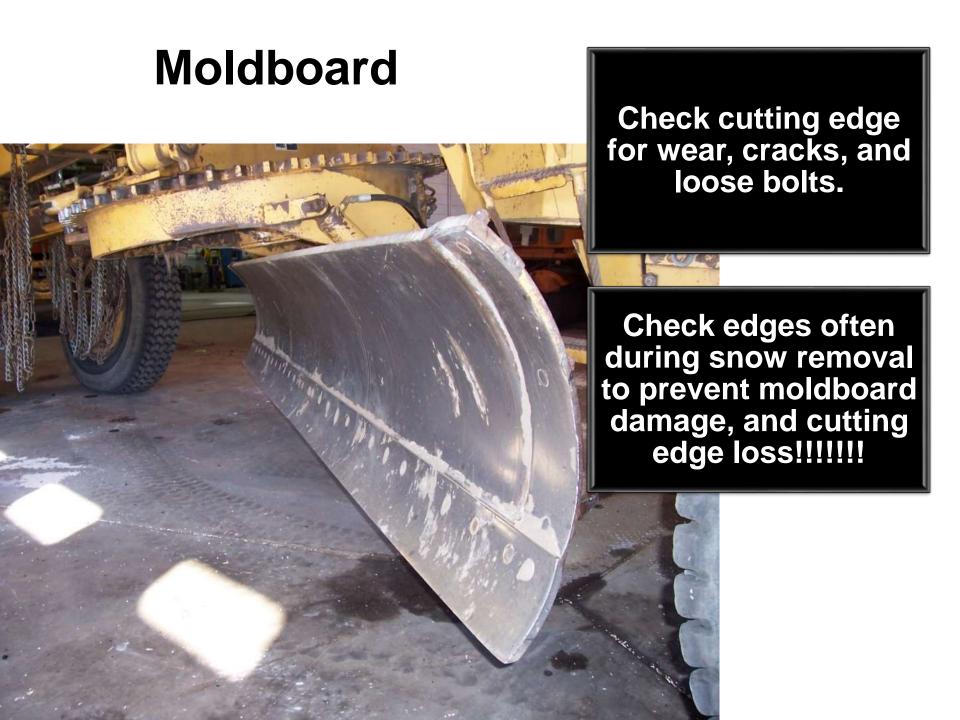
Make sure lug nuts are properly tightened

Oil Level In Tandems

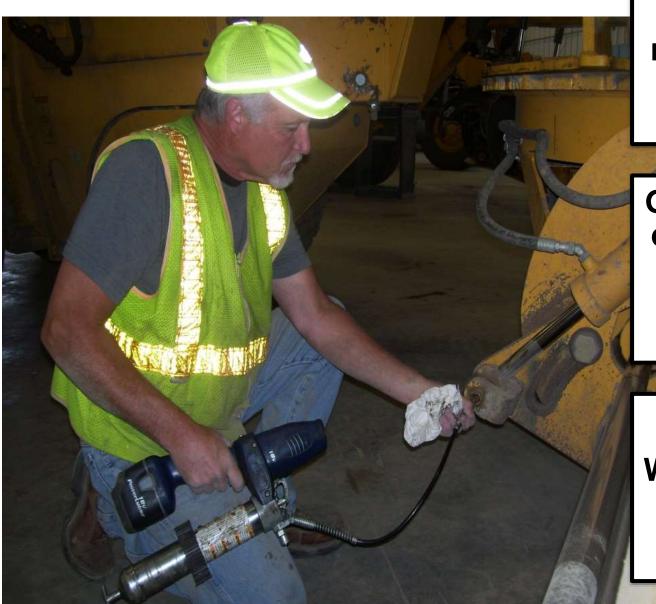


Check oil level with machine setting completely level

Check for discoloration and grit



Grease Daily



Check operators manual for grease intervals

Grease points with extreme exposure to grit at least daily, and more often if needed

Wipe grit from zerk before greasing

Mirrors



Clean mirrors

If mirrors are cracked or damaged in any way, report it to your supervisor to schedule replacement

Make sure mirrors are adjusted



Wipers



Walk around



Check for telltale signs of leaks.

Check for breaks, cracks, debris, and loose parts.



Entering and Exiting



Always keep three points of contact with grader when entering and exiting grader

Never use the steering wheel as a point of contact for entering and exiting

Service Due Date



The entire fleet should be the same

Equipment Fluids						
Engine	Oil Hydraulic Oil	Differential	Power Steering	Coolant	Transmission Oil	Brake Flui
_						
-						
						-
					1	-
				_		
	10					
	_					
-					+	_
\neg						
				-		+
						+

Safety Items



Make sure fire extinguisher is charged and serviced regularly



Make sure First Aid Kit is filled and up to date

2-way radio



Gauges at Startup



Make sure gauges are working properly before leaving yard.

Clean dust from gauges for easy reading during operation.

Checks at Startup





Check backup alarm by putting Grader in reverse and listening

Make sure all lights are working properly before leaving yard



Shutdown

Fuel machine at end of shift to prevent condensation

Park on level ground

Lower attachments

Allow 5 minutes for cool down

Walk around machine and check for problems

Machines not in the shop should be secured