

PRE-OPERATIONAL CHECKLIST FOR A

# skid steer loader



NAME		DATE	
MAKE AND MODEL	SSL No	HOUR METER READING	HRS

All the items in the "ITEMS TO BE CHECKED" column must be checked by operators before operating equipment.

Indicate whether each item is in a serviceable condition (using a tick) or not (using a cross). If irrelevant, write n/a in the comments section. If defective, comment on the exact nature of the defect and do not operate until reported and corrected. A new checklist then needs to be filled in and retained indicating that all parts are serviceable.

**PERSONAL PROTECTIVE EQUIPMENT REQUIRMENTS**

Safety belt inside the operator's cabin, and a reflective jacket, safety boots and hard hat in hard hat areas when disembarked from the machine.



**PRE-OPERATIONAL ITEMS TO BE CHECKED**



**COMMENTS**

PRE-OPERATIONAL ITEMS TO BE CHECKED		COMMENTS
<b>360° WALK AROUND</b>		
BODY CONDITION		
ROLL OVER PROTECTION CONDITION		
INSPECT ALL COVERS AND GUARDS ARE IN PLACE		
SAFETY DECALS VISIBLE AND LEGIBLE		
WORKING LIGHTS IN GOOD CONDITION		
BUCKET CONDITION		
BUCKET COUPLER CONDITION		
BUCKET STEPS CONDITION		
LOADER LIFT ARM CONDITION		
GRAB HANDLES CONDITION		
FRONT AUXILARY QUICK COUPLER CONDITION		
REAR AUXILARY QUICK COUPLERS CONDITION		
SAFETY TREAD CONDITION		
REAR GRILL CONDITION		
REAR DOOR CONDITION		
<b>DRIVE CHAIN</b>		
TYRE PRESSURE, VALVE CAPS, DAMAGE		
WHEEL HUBS - NO OIL LEAKS		
NO LOOSE WHEEL NUTS AND BOLTS		
<b>DRIVER'S CABIN</b>		
SEAT IN GOOD CONDITION		
SEATBELT WORKS PROPERLY		
SEAT BAR CONDITION AND WORKS PROPERLY		
STEERING WHEEL IN GOOD CONDITION		
INSTRUMENT PANEL IN GOOD CONDITION		
CONTROL LEVERS IN GOOD CONDITION		

**PRE-START ENGINE CHECKS**



**GENERAL CHECKS**

INSPECT ENGINE COMPARTMENT FOR DEBRIS	FUEL TANK DRAINED OF WATER SEDIMENT
NO FUEL, WATER & OIL LEAKS (GROUND)	TURBO CHARGER CONDITION

**Never rush an inspection. Remember: your reputation is on the line!**

**Continued overleaf**

**PRE-START ENGINE CHECKS (CONTINUED)**

**FLUIDS / LUBRICATION**

GREASE POINTS LUBRICATED  ENGINE OIL  RADIATOR COOLANT  BATTERY ELECTROLYTE   
 HYDRAULIC OIL LEVEL

**COOLING SYSTEM CHECKS**

FAN ASSEMBLY CONDITION		RADIATOR CAP NO CONTAMINANTS	
NO LEAKS/DAMAGE ON PIPES/HOSES/CLAMPS		RADIATOR CAP NO CORROSION	
RADIATOR CORE NOT LEAKING OR CORRODED		WATER PUMP PULLEY IS PROPERLY ALIGNED	

**AIR INDUCTION AND EXHAUST SYSTEM**

ENGINE PRE-CLEANER BOWL UNOBSTRUCTED		AIR RESTRICTION INDICATOR (GREEN/YELLOW)	
AIR FILTER CONDITION		AIR RESERVOIR DRAINED OF WATER & SEDIMENT	
AIR INDUCTION PIPES IN GOOD CONDITION		MUFFLER / EXHAUST IN GOOD CONDITION	

**BATTERY**

CLEAN, DRY AND PROPERLY SECURED		CASING NOT BUCKLED BY HEAT DAMAGE	
TERMINAL LUGS ARE CLEAN AND TIGHT		ALTERNATOR CONDITION	

**FUEL SYSTEM**

PUMP CONDITION		THROTTLE LINKAGE	
FUEL LINES CONDITION		FILTER CONDITION	
FUEL LINE CLAMPS SECURE		FUEL INJECTORS CONDITION	

**HYDRAULIC SYSTEM**

RESERVOIR IN GOOD CONDITION & NO LEAKS		CLEVIS MOUNTINGS ALL TIGHTLY FASTENED	
PUMP IN GOOD CONDITION AND NO LEAKS		CYLINDERS ALL IN GOOD CONDITION	
OIL COOLER CONDITION		PISTON RODS ALL NOT DISCOLOURED,	
VALVE BANK IN GOOD CONDITION & NO LEAKS		PISTON RODS HAVE NO VERTICAL SCRATCHES	
PIPES ALL IN GOOD CONDITION AND NO LEAKS		PISTON RODS NOT BENT OR CRACKED	
PORTS NOT LEAKING		NOT LEAKING OIL FROM RING SEALS	

**START-UP ITEMS TO BE CHECKED**



**COMMENTS**

START-UP – GLOW PLUGS WORK (IF APPLICABLE)		
GAUGES - ALL REGISTER AS WORKING		
GAUGES - NO FAULTS INDICATED		
WORK WARNING LIGHT WORK		
WORKING LIGHTS FUNCTIONAL		
WINDSCREEN WIPERS WORKING		
HOOTER WORKS		
HOUR METER – NOT YET DUE FOR A SERVICE		
REAR VIEW MIRRORS – CORRECTLY ADJUSTED		
CONTROLS / SAFETY LEVER SWITCH FUNCTIONAL		
GEARS CHECK – (FORWARD AND REVERSE)		
TRAVEL MOVEMENT ALARM FUNCTIONAL		
BRAKES – WORKS AFTER TESTING		
HYDRAULIC FUNCTIONS ARE OPERATIONAL		
PARK BRAKES – WORKS AFTER TESTING		

OPERATOR  
SIGNATURE

DATE

**Never use damaged or malfunctioning equipment.  
Report all faults to your supervisor**

**Never use equipment you're not trained to operate!  
Contact us at +27 (0) 12 661 6721 or visit us at  
www.hretd.co.za for quality in-service training**