

PRE-OPERATIONAL CHECKLIST FOR A

wheeled dozer



NAME DATE

MAKE AND MODEL DOZER 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

360° WALK AROUND		
BODY CONDITION		
ROLL OVER PROTECTION CONDITION		
INSPECT ALL COVERS AND GUARDS ARE IN PLACE		
SAFETY DECALS VISIBLE AND LEGIBLE		
WORKING LIGHTS IN GOOD CONDITION		
C-FRAME (PUSH FRAME) CONDITION		
BUCKET CONDITION		
BLADE AND CUTTING EDGE CONDITION		
A-FRAME CONDITION (IF APPLICABLE)		
RIPPER ARM CONDITION (IF APPLICABLE)		
RIPPER SHANK, PROTECTOR AND TOOTH CONDITION		
INSPECT STEPS, GRAB IRONS CONDITIONS		
DRIVE CHAIN		
TYRE PRESSURE, VALVE CAPS, DAMAGE		
WHEEL HUBS - NO OIL LEAKS		
NO LOOSE WHEEL NUTS AND BOLTS		
DRIVESHAFT		
DIFFERENTIAL AND FINAL DRIVES - NO OIL LEAKS		
DRIVER'S CABIN		
SEAT IN GOOD CONDITION AND ADJUSTABLE		
SEATBELT WORKS PROPERLY		
WINDSCREEN CLEAN NOT CRACKED		
STEERING WHEEL IN GOOD CONDITION		
INSTRUMENT PANEL IN GOOD CONDITION		
CONTROL LEVERS IN GOOD CONDITION		
FLOOR PLATE FREE OF DEBRIS, OIL, GREASE, ETC.		

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 STEERING OIL BRAKE FLUID STEERING OIL
 RADIATOR COOLANT BATTERY ELECTROLYTE DIFFERENTIAL OIL TRANSMISSION AXLE OIL
 FRONT AXLE OIL PLANATERIES OIL HYDRAULIC OIL LEVEL TRANSMISSION OIL (ENGINE ON)

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

BRAKE SYSTEM

AIR COMPRESSOR	LINKAGE CONDITION
BLEED AIR TANK	LINES AND HOSES 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	
DEFROST/ HEAR / AIR CONDITIONER WORKING	
PARK BRAKES – WORKS AFTER TESTING	

OPERATOR SIGNATURE

DATE

**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**