OPERATOR'S MANUAL

DC150.B TIER 2 CRAWLER DOZER

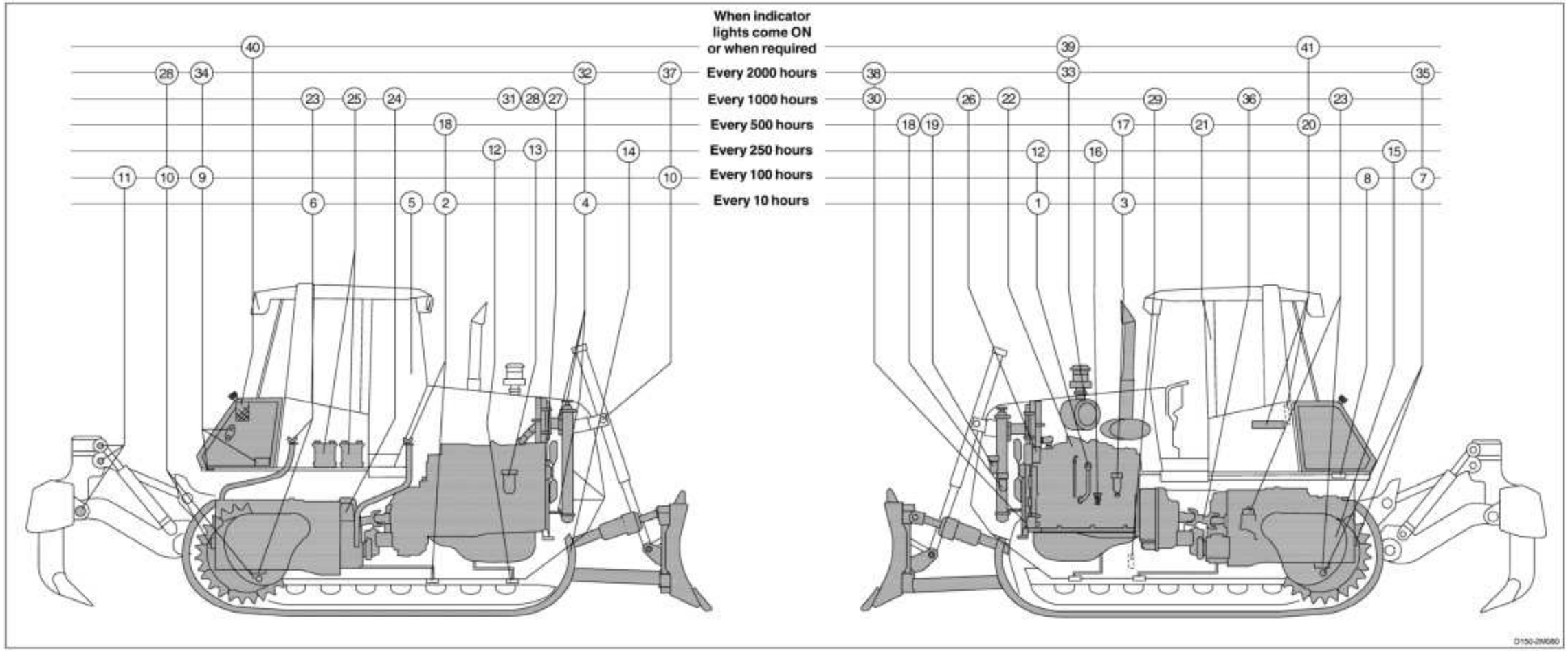
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EVERY 10 WORK HOURS

1. **Engine oil** check engine oil level.
2. **Torque converter-transmission circuit:** check oil level.
3. **Fuel filter:** draining condensation.
4. **Radiator:** check coolant level.
5. **Brake indicator light:** check efficiency.

EVERY 100 WORK HOURS

6. **Bevel gear set - Steering and brakes:** check oil level.
7. **Final drives:** check oil level.
8. **Fuel tank:** draining condensation.
9. **Equipment hydraulic system:** check oil level.
10. **Blade cylinder articulations:** greasing the articulations.
11. **Ripper linkage articulations:** greasing the articulations.

EVERY 250 WORK HOURS

12. **Engine sump:** change the oil.
13. **Engine oil filter:** replace filtering cartridge.
14. **Undercarriage:** check track chain sag.
15. **Braking system:** check operation.
16. **Glass fuel filter:** clean mesh filter.

EVERY 500 WORK HOURS

17. **Fuel filter:** replace filter.
18. **Steering-brakes circuit oil delivery filter:** replace filter.
19. **Torque converter-transmission circuit:** change oil and delivery filter cartridge.
20. **Cab ventilation air filter:** replace.
21. **Cab:** lubricate door-window hinging.

EVERY 1000 WORK HOURS

22. **Engine valves:** check the valve clearance with cold engine.
23. **Bevel gear set steering and brakes:** change oil and clean suction filter.
24. **Torque converter-transmission hydraulic circuit:** was suction filter and magnetic rod.
25. **Batteries:** check electrolyte level.
26. **Air conditioner compressor:** check state and sag of belt.
27. **Drive belt:** inspection/replacement.
28. **Drive belt:** check sag.
29. **Track suspension:** grease swinging cross-bar.
30. **Crankshaft pulley:** check.
31. **Belt tensioner:** check.

EVERY 2000 WORK HOURS

32. **Radiator:** change coolant.
33. **Engine air cleaner:** replace cartridges.
34. **Equipment hydraulic circuit:** change oil and clean suction magnetic rod and filter.
35. **Final drives:** change oil.
36. **Propeller shaft between torque converter and transmission:** grease spiders.
37. **Front equipment grease fittings:** cylinder support.
38. **Vibration damper:** inspection.

AS REQUIRED

39. **Engine air cleaner clogged:** clean cartridges.
40. **Oil filter on equipment hydraulic circuit return:** replace cartridge.
41. **Ventilation system:** clean filters.

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