580C
Loader Backhoe

Service Manual

9-66018

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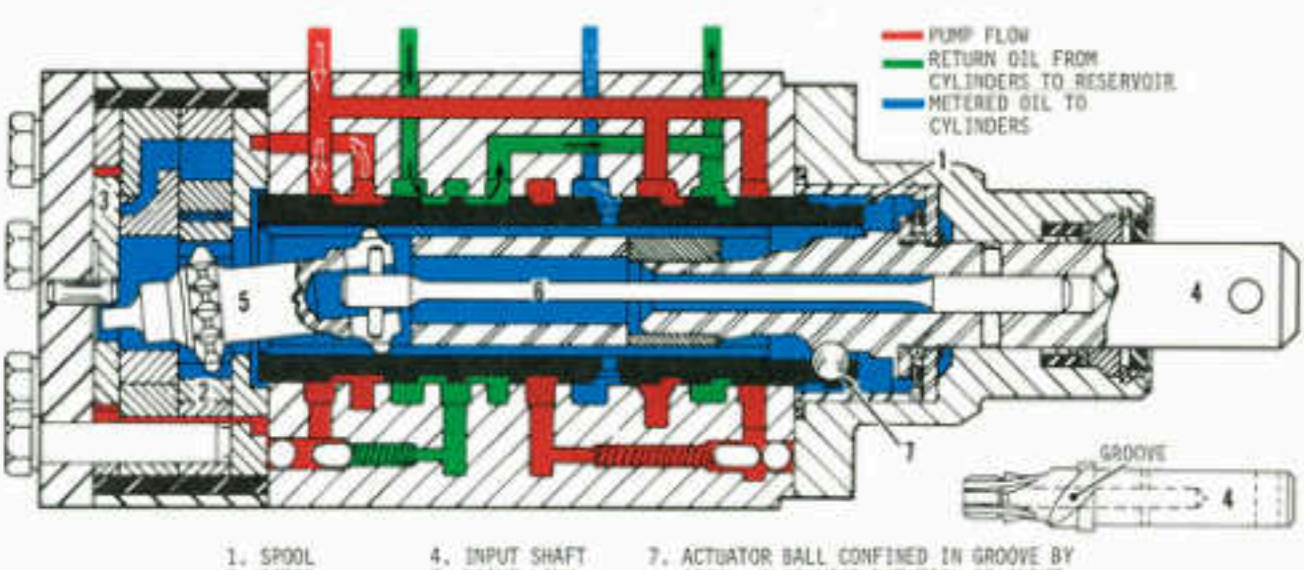


Figure 1 - Oil Flow, Right Turn, Engine Running

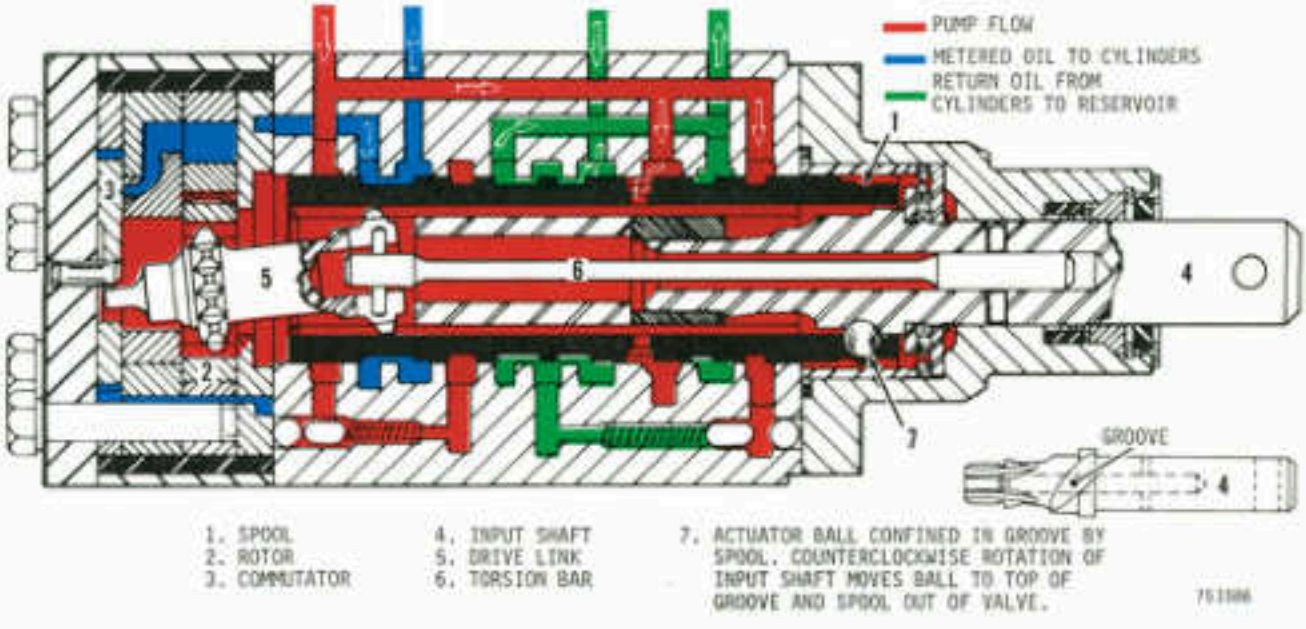


Figure 2 - Oil Flow, Left Turn, Engine Running

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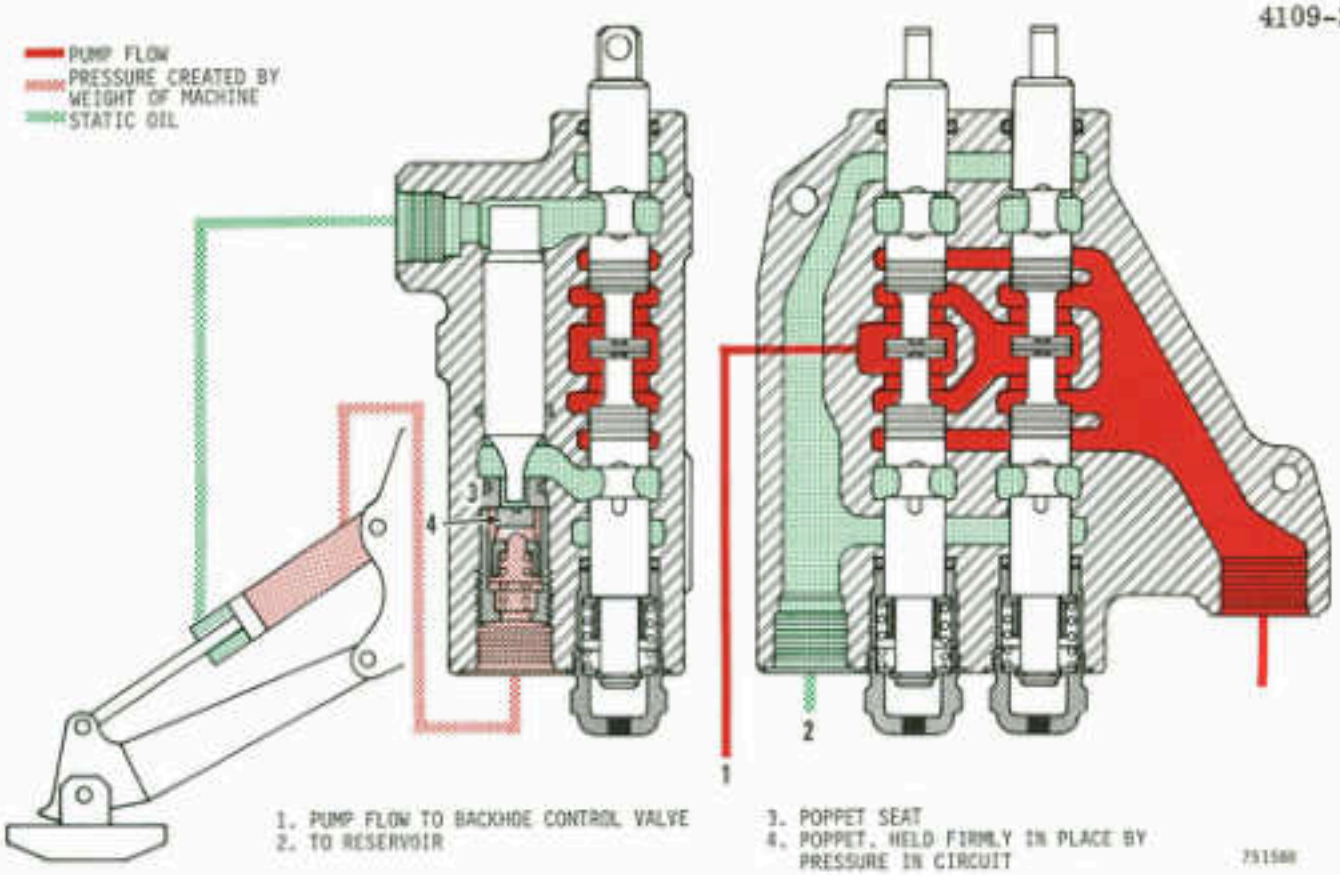


Figure 2 - Spool in Neutral, Stabilizers Down

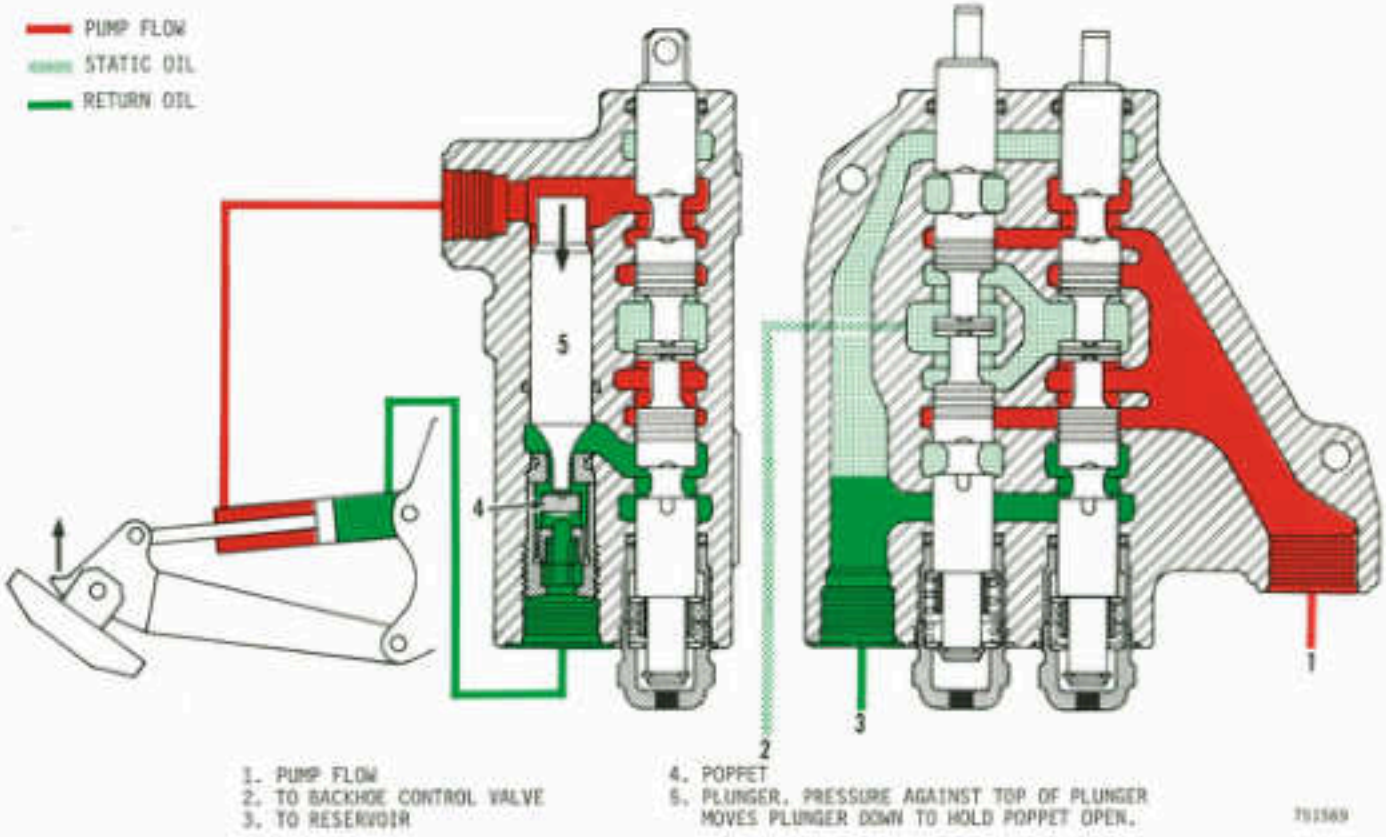
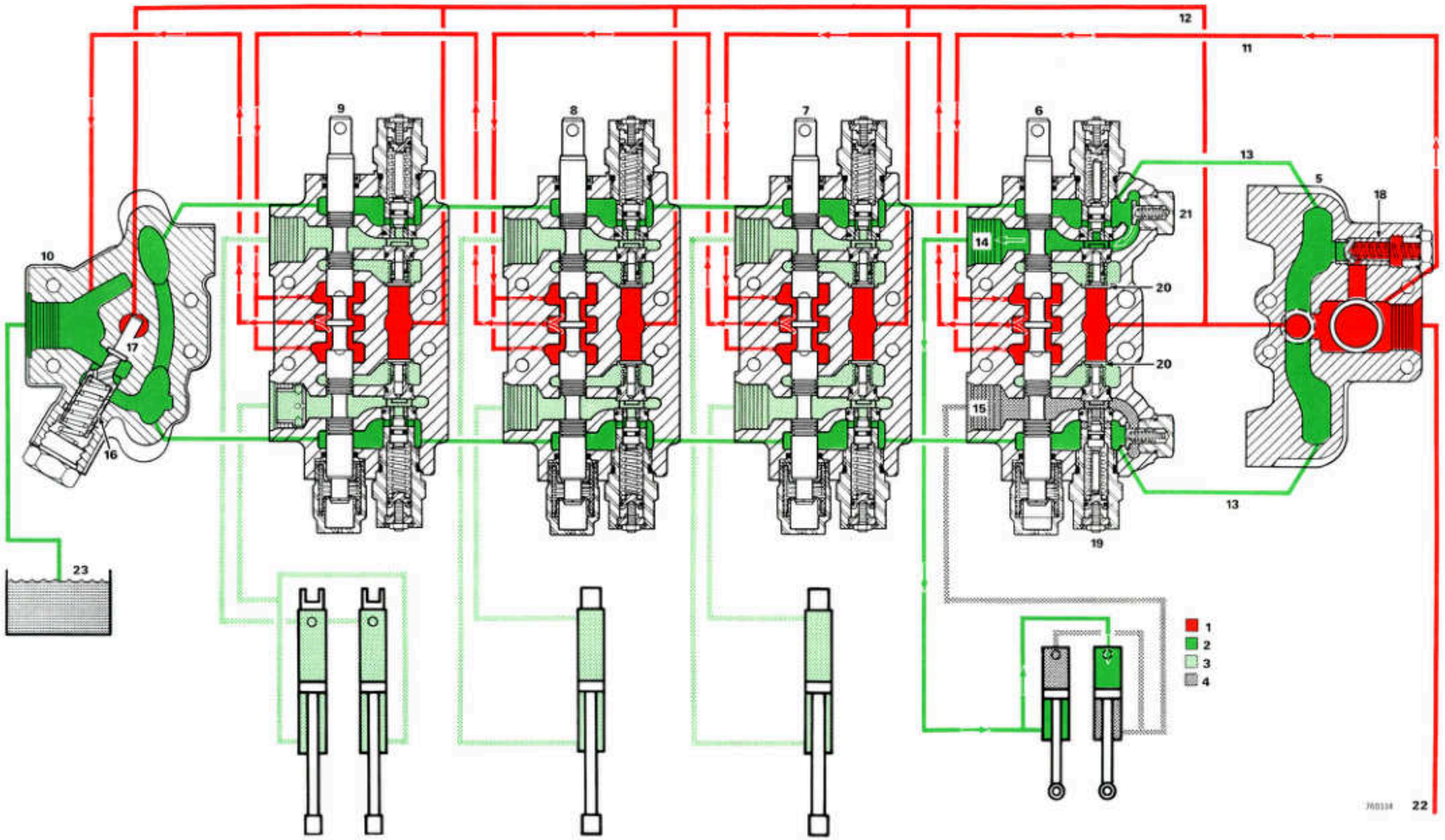


Figure 3 - Spool Actuated to Raise Stabilizer

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1. PUMP FLOW
2. RETURN OIL
3. STATIC OIL
4. OIL DISPLACED FROM SWING CYLINDERS
5. INLET
6. SWING
7. BUCKET
8. DIPPER
9. BOOM
10. OUTLET
11. OPEN CENTER PASSAGE (INTERNAL)
12. PARALLEL PASSAGE (INTERNAL)
13. RETURN PASSAGE
14. A PORT
15. B PORT
16. REGENERATION SPOOL
17. REGENERATION SENSING PISTON
18. REGENERATION CHECK VALVE
19. SECONDARY RELIEF VALVE OPEN
20. LOAD CHECK VALVE
21. ANTICAVITATION VALVE
22. FROM PUMP VIA LOADER CONTROL VALVE AND STABILIZER CONTROL VALVE
23. RESERVOIR

Figure 7 - Oil Flow, Boom Swinging to Right and Stopping

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