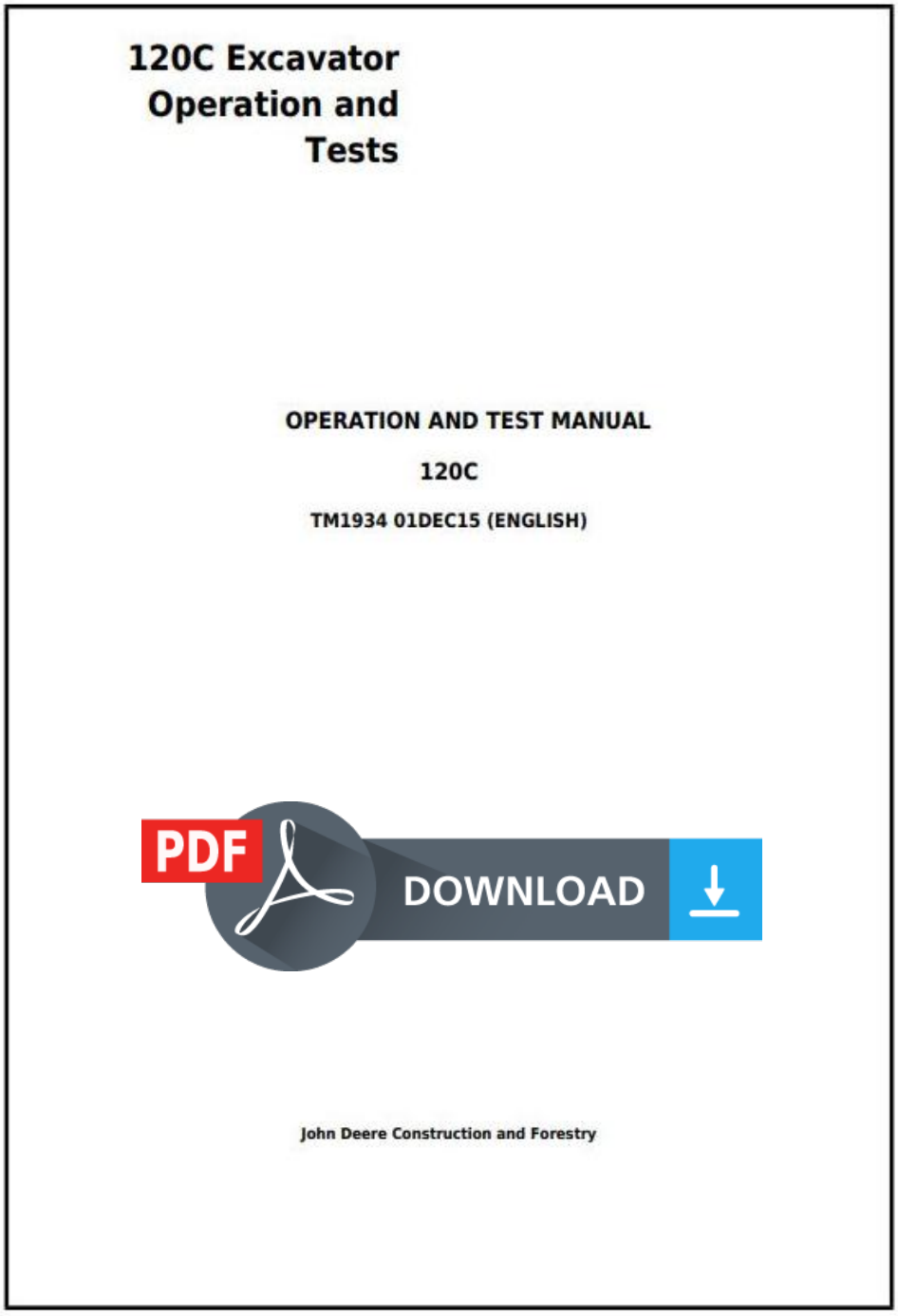
John Deere 120C Excavator Operation and Test Service Manual (TM1934)



Covers: 120C

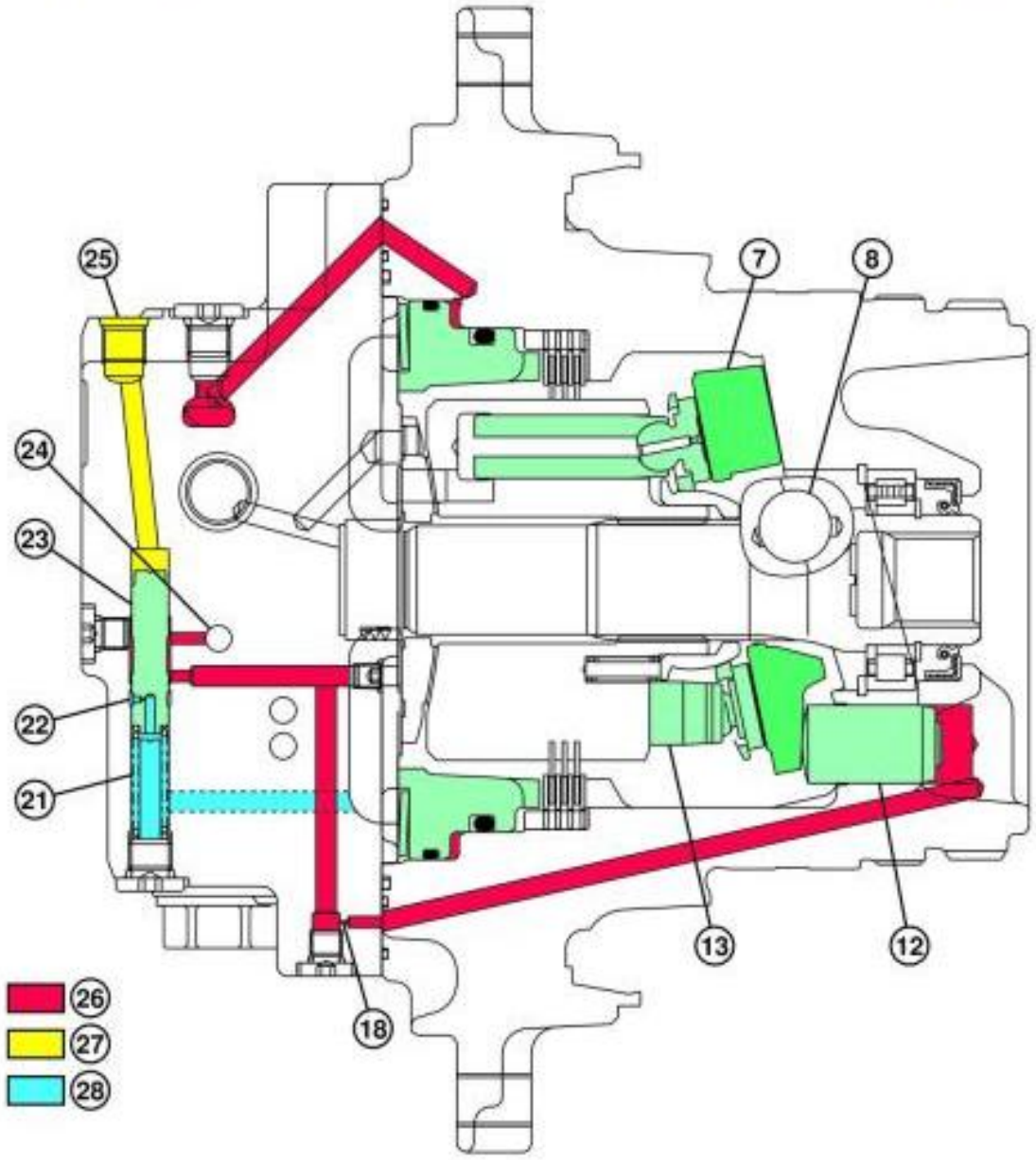
Type: Service Manual
Language: English
Pages: 446
Format: PDF
Features: Bookmarked, searchable, printable
Compatibility: Windows/Mac/Tablet/Mobile
This service manual contains important information for the maintenance, troubleshooting and servicing of the **John Deere 120C Excavator Operation and Test Service Manual (TM1934)**

In this manual you will find detailed specifications, illustrations, schematics, diagrams and step-by-step procedures to properly service and diagnose the machine to the manufacturer's standards.

Contents:

- General Information
- Specifications
- Serial Number Location
- Engine Specifications
- Engine Diagnostics
- Engine Tests and Adjustments
- Engine Repair
- Power Train
- Transmission
- Axles
- Differential
- PTO
- Hydraulic System
- Electrical System
- Electrical Tests and Diagnostics
- Wiring Diagram / Schematic
- Ignition and Charging
- Steering
- Brakes
- Wheels
- Operator's Platform
- Body Panels
- Disassembly and Assembly
- Diagnostics, Tests and Adjustments
- Troubleshooting
- and much more...

Please note this manual is in **downloadable PDF format only.** If you have any questions about this product or would like to request sample pages, please contact us and reference the product name or SKU.



T150832

Fast Speed Shown

LEGEND:

7	Swash Plate
8	Swash Plate Pivot Ball
12	Fast Speed Servo Piston
13	Piston and Slipper
18	Fast Speed Orifice
21	Spring
22	Orifice
23	Propel Speed Change Valve
24	Shuttle Valve
25	From Propel Speed Solenoid Valve
26	Supply Oil
27	Pilot Oil
28	Return or Pressure-Free Oil

Actuating fast speed propel sends pilot oil (27) from the propel speed solenoid valve (25) to shift the propel speed change valve (23). Supply oil (26) flows through the shuttle valve (24), past the propel speed change valve, through the fast speed orifice (18), and then to the fast speed servo piston (12). The fast speed servo piston pushes the swash plate to it's minimum displacement decreasing the motor to minimum displacement. With the motor at minimum displacement, the machine travels at fast speed.

Actuating slow speed propel opens the end of propel speed change valve (23) to return through the propel speed solenoid