888

Turntable Crawler Excavator

Service Manual

7-32662

CASE CONSTRUCTION

MidWestTech | Case 888 Turntable Crawler Excavator Service Manual | Publication 7-32662

Order the manual at mid-west-tech.com >

Sectional Index

	1 GENERAL	SECTION NO.
C	Capacities	1002
D	Dimensions	1002
	Drawbar Pull	1002
	Drive Speed	1002
E	Electrical System Specifications	1002
	Engine Cooling System Specifications	1002
	Engine Lubricant Specifications	1002
	Engine Lubricating System Specifications	1002
	Engine Special Torques	1002
	Engine Specifications	1002
F	Fluids and Lubricants Specifications	1002
	Fuel Specifications	1002
	Fuel System Specifications	1002
G	General Dimensions	1002
	General Information	1001
H	Hydraulic Systems Specifications	1002
R	Run-in Instructions	1002
S	Safety Warnings	1001
T	Torque Data	
	Engine Special Torques	1002
	Hydraulic Fittings Special Torques	1001
	Standard Nut and Bolt Torques	1001
	Track, Rollers and Idlers Specifications	1002
	Transport Dimensions	1002
W	Weights	1002

CASE CORPORATION

Don 7-32410

Printed in England
January 1990

MidWestTech | Case 888 Turntable Crawler Excavator Service Manual | Publication 7-32662 Order the manual at mid-west-tech.com >

SCHEMATIC SYMBOLS

RESERVOIR
- Vented
- Pressurized

LINES AND LINE FUNCTIONS
- Working Line
- Pilot Line
- Return Line
- Joining Line
- Crossing Line
- Direction of Flow

PUMPS
- Fixed Flow
- Variable Flow

CONTROL (VALVES)
- Check Valve
- Fixed Restrictor
- Relief Valve
- Variable Restrictor (Needle Valve)
- Flow Control valve

DIRECTIONAL CONTROL VALVES
- Basic 4 way, 3-position valve
- Optional center porting for 3-position valves

ACTUATORS
- Solenoid
- Solenoid-spring Centered
- General Purpose
- Pilot Operated
- Spring Return
- Hand Lever
- Foot Pedal
- Mechanical
- Detented

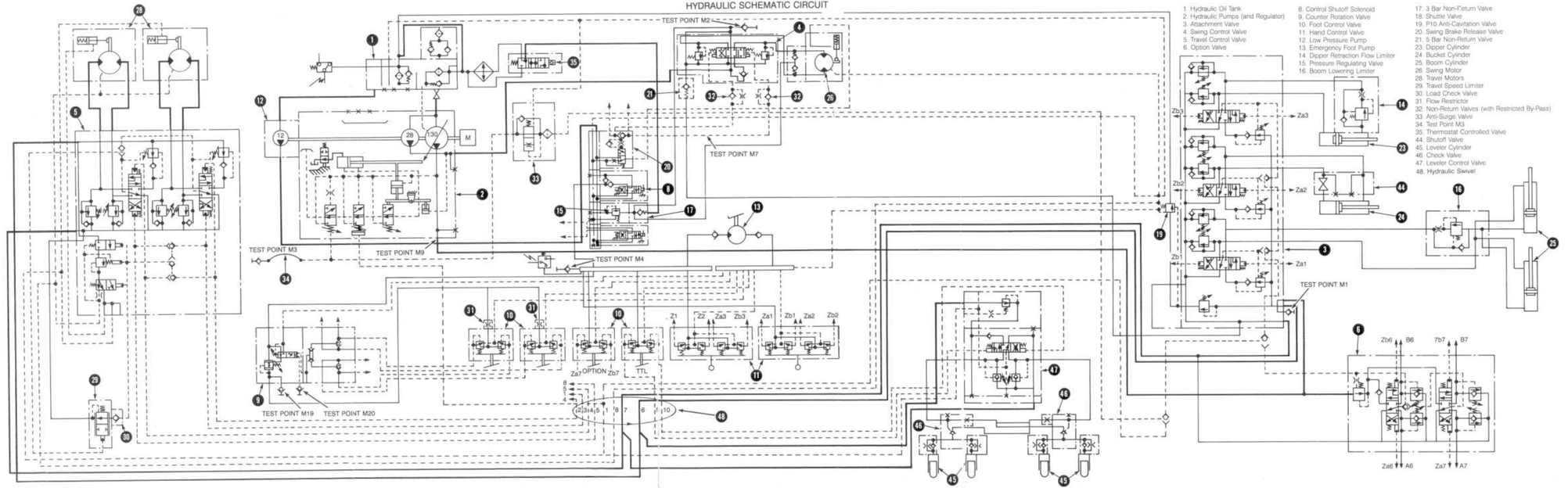
CYLINDERS
- Single Acting
- Double Acting

MISCELLANEOUS
- Filter
- Oil Cooler
- Component Block
- Quick coupler Coupled
- Quick coupler Uncoupled
- Flow Shutoff Valve

TEST INSTRUMENTS
- Pressure gauge
- Flowmeter

Lzp 8-86763

HYDRAULIC SCHEMATIC CIRCUIT



1. Hydraulic Oil Tank
2. Hydraulic Pumps (and Regulator)
3. Attachment Valve
4. Swing Control Valve
5. Travel Control Valve
6. Option Valve
8. Control Shutoff Solenoid
9. Counter Rotation Valve
10. Foot Control Valve
11. Hand Control Valve
12. Low Pressure Pump
13. Emergency Foot Pump
14. Dipper Retraction Flow Limiter
15. Pressure Regulating Valve
16. Boom Lowering Limiter
17. 3 Bar Non-Return Valve
18. Shuttle Valve
19. P10 Anti-Cavitation Valve
20. Swing Brake Release Valve
21. 5 Bar Non-Return Valve
23. Dipper Cylinder
24. Bucket Cylinder
25. Boom Cylinder
26. Swing Motor
28. Travel Motors
29. Travel Speed Limiter
30. Load Check Valve
31. Flow Restrictor
32. Non-Return Valves (with Restricted By-Pass)
33. Anti-Surge Valve
34. Test Point M3
35. Thermostat Controlled Valve
44. Shutoff Valve
45. Leveler Cylinder
46. Check Valve
47. Leveler Control Valve
48. Hydraulic Swivel

Issued 06-90 Printed in England

Order the manual at mid-west-tech.com >