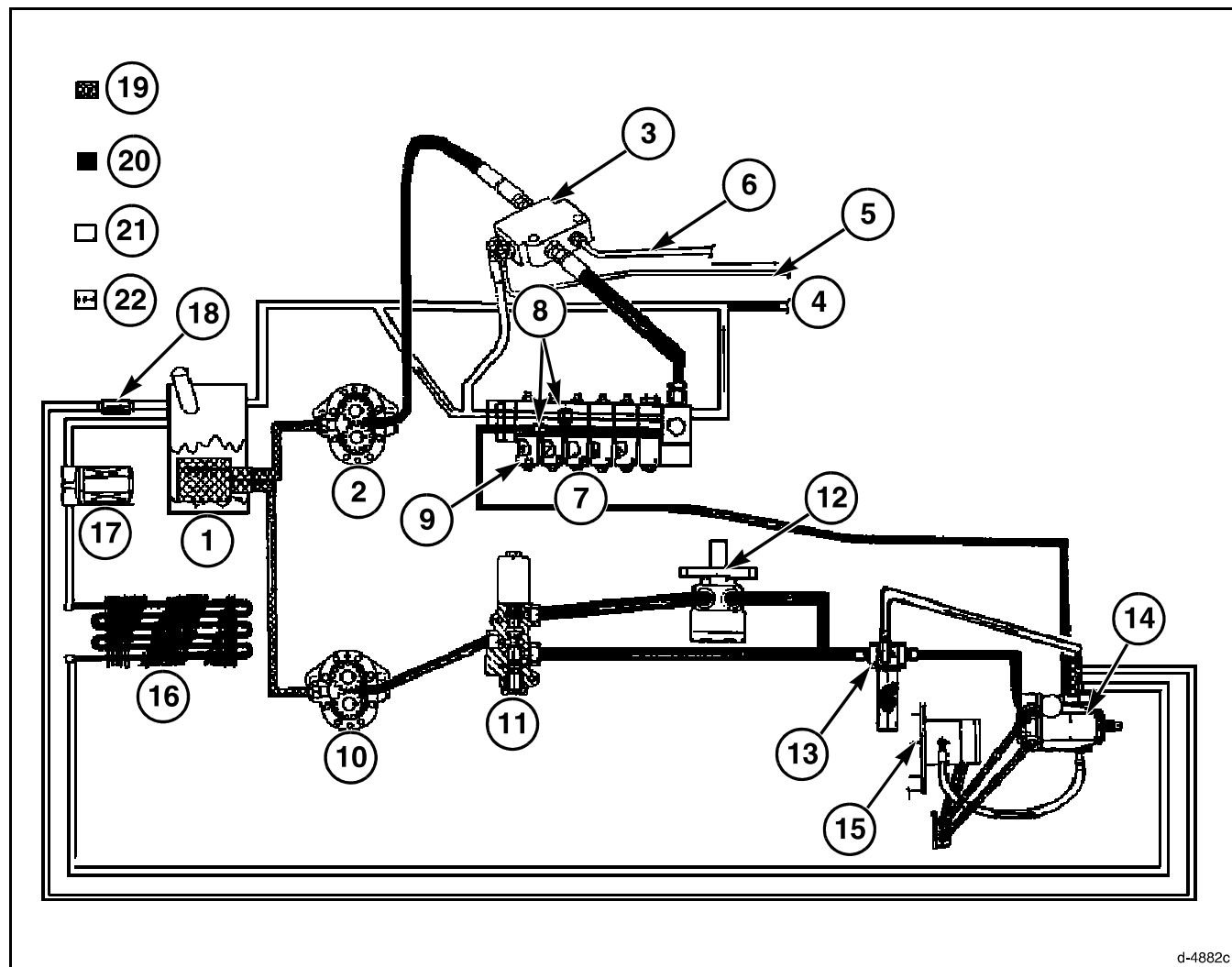


General Information

MAIN HYDRAULIC SYSTEM (PRIOR TO SERIAL NUMBER HS62101 AND HS72101)

Hydraulic Schematic (Open Center)



d-4882c

FIG. 1

FIG. 1: The machine is equipped with an open center hydraulic system (constant flow, variable pressure).

- | | |
|--|--------------------------------------|
| (1) Hydraulic Reservoir | (11) Reel/Pickup Speed Control Valve |
| (2) Gear Pump A, Open Center, Equipment Pump | (12) Reel/Pickup Motor |
| (3) Priority Valve with Load Sense | (13) Pressure Filter (charge) |
| (4) Power Steering Return | (14) Hydrostatic Propel Pump |
| (5) Load Sense (Steering) | (15) Hydrostatic Propel Motor |
| (6) Controlled Flow (Power Steering) | (16) Oil Cooler |
| (7) Stack Type, Open Center, Individual Control Valve sections | (17) Return Filter |
| (8) Line Plugs | (18) Cooler Bypass Valve |
| (9) Cylinder Variable Speed Section | (19) Suction Oil |
| (10) Gear Pump B, Open Center, Charge Pump | (20) Pressure Oil |
| | (21) Return Oil |
| | (22) Loop Pressure Oil |

General Information

Hydraulic Operating Pressure	BAR	PSI
Power Steering (Priority Valve)	172	2500
Master Valve (System Relief)	172	2500
Header Lift	172	2500
Unloader Tube Swing	172	2500
Feed Reverser	172	2500
Reel Lift	172	2500
Optional Header Speed (external relief)	34	500
Bin Unloader Drive (Turret)	27.2 to 28.6	400 to 420
Cylinder Variable Speed	27.2 to 28.6	400 to 420
Reel Speed Control	138	2000
Standby (engine running with no functions in operation)	28	400