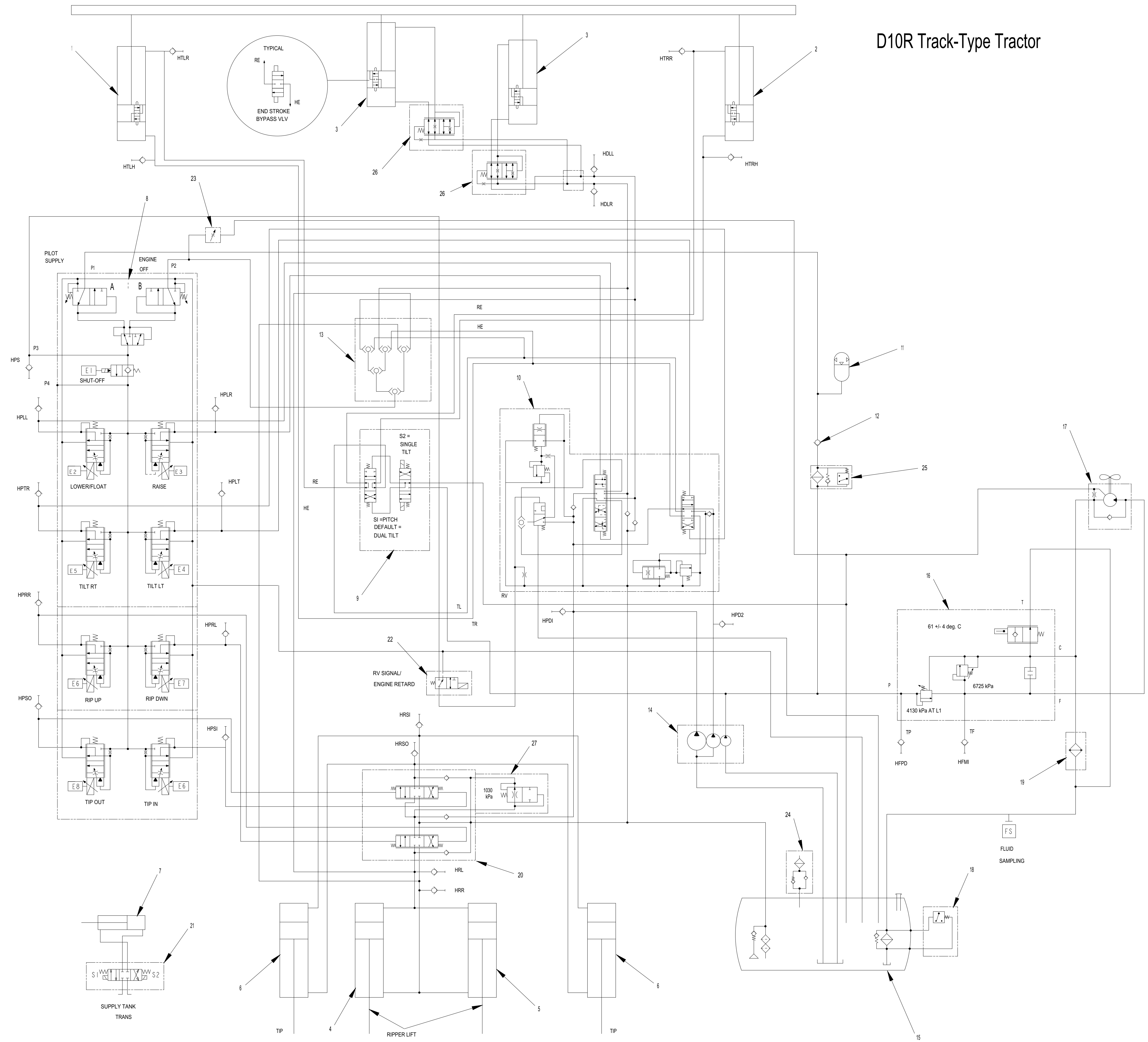


Schematic

D10R
Track-Type Tractor
Hydraulic System

D10R:
AKT1-UP

D10R Track-Type Tractor



| Item No. | DESCRIPTION |
|----------|--|
| 1 | Dual Tilt Cylinder (LH) |
| 2 | Dual Tilt Cylinder (RH) / Single Tilt Cylinder |
| 3 | Lift Cylinder (LH/RH) |
| 4 | Ripper Lift Cylinder (LH) |
| 5 | Ripper Lift Cylinder (RH) |
| 6 | Ripper Tilt Cylinder (LH/RH) |
| 7 | Ripper Pin Puller Cylinder |
| 8 | Pilot Valve (2 Function or 4 Function) |
| 9 | Dual Tilt Valve |
| 10 | Dozer Lift Control Valve |
| 11 | Pilot Accumulator |
| 12 | Pilot Supply Check Valve |
| 13 | Engine Off Resolver Valve |
| 14 | Pump |
| 15 | Tank and Filter |
| 16 | Pilot Pressure and Fan Speed Control Valve |
| 17 | Fan Drive (Motor) |
| 18 | External Delay Switch |
| 19 | Hydraulic Oil Cooler |
| 20 | Ripper Lift and Tilt Valve |
| 21 | Transmission Oil Circuit Valve |
| 22 | Solenoid Valve |
| 23 | Machine Oil Implement Lower Manifold |
| 24 | Vacuum Valve |
| 25 | Pilot Supply Filter |
| 26 | Quick Drop Valve (Dozer Lift Cylinder) |
| 27 | Ripper Valve Warning (optional) |
| 28 | Backhoe Bucket Control Valve |
| 29 | Line Relief for the Rod End of Bucket Cylinder |

| Pressure Test Taps | |
|--------------------|--------------------|
| HPD1 | Pump Discharge 1 |
| HPD2 | Pump Discharge 2 |
| HDLR | Lift Raise |
| HDLL | Lift Lower |
| HTLR | Tilt Left Rod |
| HTLH | Tilt Left Head |
| HTRR | Tilt Right Rod |
| HTRH | Tilt Right Head |
| HRR | Ripper Raise |
| HRL | Ripper Lower |
| HRSI | Ripper Shank In |
| HRSO | Ripper Shank Out |
| HPS | Pilot Supply |
| HPLR | Pilot Lift Raise |
| HPLL | Pilot Lift Lower |
| HPTL | Pilot Tilt Left |
| HPTR | Pilot Tilt Right |
| HPRR | Pilot Ripper Raise |
| HPRL | Pilot Ripper Lower |
| HPSI | Pilot Shank In |
| HPSO | Pilot Shank Out |
| HFPD | Fan Pump Discharge |
| HFMI | Fan Motor Inlet |
| FS | Fluid Sampling |

| Dozer Valve Relief Settings | | |
|-----------------------------|-------------------|-------------------|
| Model | Tilt/Pitch | Lift/Ripper |
| D10R | 20340 +/- 690 kPa | 18190 +/- 520 kPa |

| NOTES | |
|-------|---|
| A | 3930 kPa AT Hi Idle (E/H) 4130 kPa AT Low Idle (Control Valve ATAAC) |
| B | 1800 kPa AT Engine OFF |