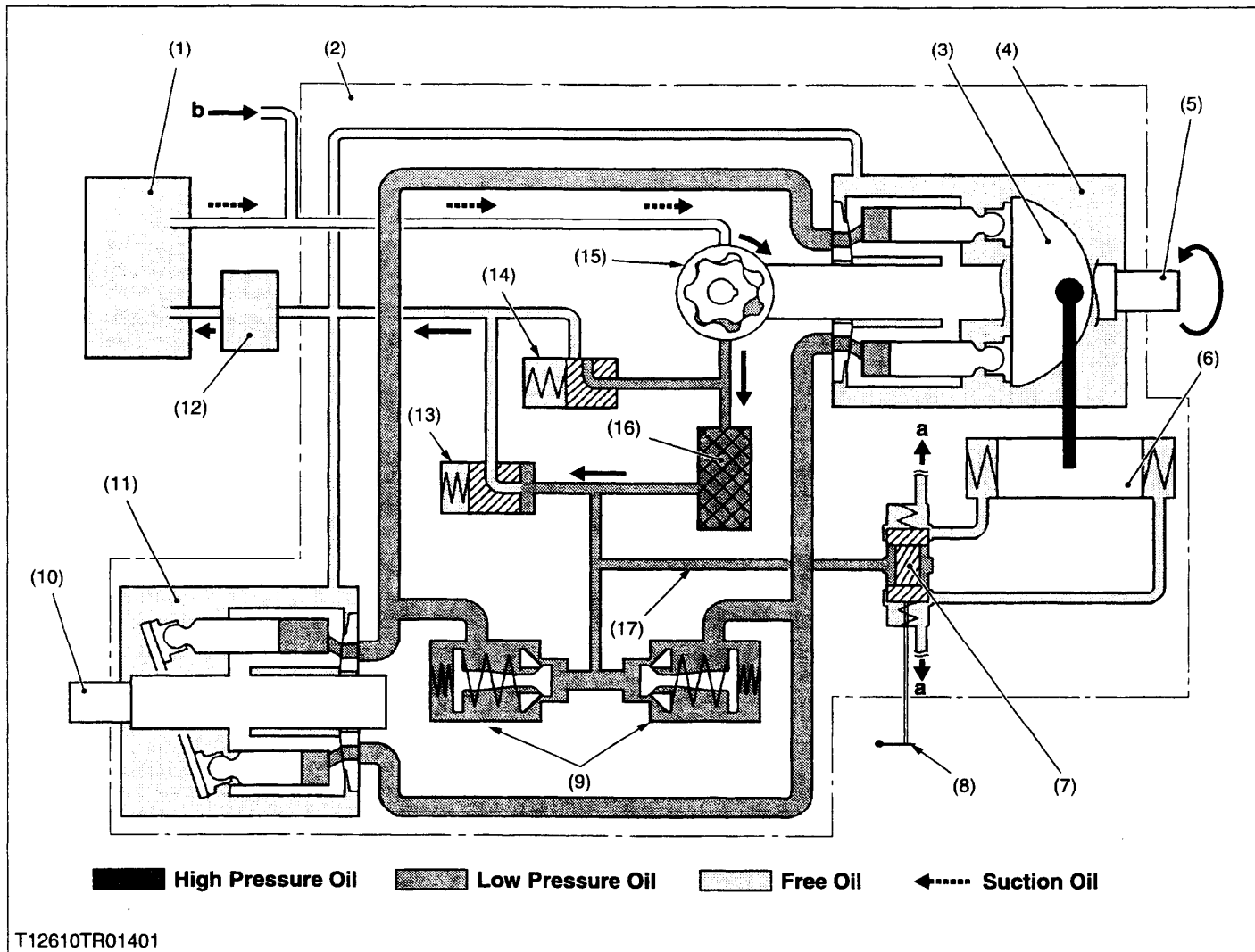


(5) Operation

i) Neutral



- | | | | |
|-------------------------|--|-------------------------------------|-------------------------------------|
| (1) Transmission Case | (7) Regulator | (12) Oil Cooler | (17) Bypass Pipe |
| (2) HST Housing | (8) HST Pedal (Control Lever) | (13) Charge Relief Valve | |
| (3) Variable Swashplate | (9) Check and High Pressure Relief Valve | (14) Filter Protective Relief Valve | a : To HST Housing |
| (4) Pump Cylinder | (10) Output Shaft | (15) Charge Pump | b : From Power Steering Return Line |
| (5) Input Shaft | (11) Motor Cylinder | (16) Oil Filter | |

The sucked oil from the transmission case (1) by the charge pump (15) flows into the HST housing (2) and regulator (7) through the oil filter (16) and charge relief valve (13). Overflow oil from HST housing (2) returns to the transmission case (1) through the oil cooler (12).

When the HST pedal (8) is in neutral, regulator (7) is not activated, so the variable swashplate (3) is at right angle to the pump pistons and they only rotate with cylinder block (4) without reciprocation. Since the oil is not being pumped to motor, the cylinder block in the motor (11) is stationary and the output shaft (10) does not rotate.