REFERENCES:
"DHP" PUMP OIL CIRCUIT
DS-947421-A
REMOTE PRESS. CONTROL VALVE
INST. DWG. DS-47502
REMOTE PRESS. CONTROL VALVE
PARTS DWG. DS-947502

PORT 24
1/2" PIPE CONNECTION TO GEAR PUMP PRESSURE

FULL STROKE STOP

VOLUME ADJUSTING SCREW

ORIFICE (ONLY IF NECESSARY TO RAISE OPERATING PRESSURE FOR PRESSURE SWITCH.)

PRESSURE SWITCH CONNECTION

3/4" PIPE CONNECTION

3/4" HIGH PRESSURE LINE FROM PUMP

CIRCUIT SHOWS PUMP VIEWED FROM FLANGE END

3/4" PIPE PLUG

CONTROL RELIEF VALVE

NEUTRAL STOP PLUNGER

PORT 34

AUX. CONTROL RELIEF VALVE

CIRCUIT SHOWS PUMP VIEWED FROM FLANGE END

INCREASE PRESSURE

DECREASE PRESSURE

PRESSURE AT "B" "DHP" CONTROL LEVER

PRESSION AT "A"

ADJUST THIS REMOTE PRESSURE CONTROL VALVE FOR PRESSURES FROM 1000 TO 2500 PSI.

ADJUST THIS REMOTE PRESSURE CONTROL VALVE FOR PRESSURES FROM 350 TO 1000 PSI (4-60) FROM 450 TO 1000 PSI (100-150)

3/4" PIPE
1/4" PIPE (DRAIN)

3/8" PIPE

PORT 4 PORT 2

3/8" PIPE PLUG

PORT 3

PORT 1

3/8" PIPE

CONNECT TO GEAR PUMP PRESSURE

3/4" TWO-WAY VALVE

POSITION I FOR HIGH PRESSURES. CHOOSE TO PREVENT RELIEF VALVE SHATTER

POSITION II FOR LOW PRESSURES.

47317A