PUMP INST. DWG. DS-47806
REMOTE PRESS. CONTROL VALVE
INST. DWG. DS-47502
REMOTE PRESS. CONTROL VALVE
PARTS DWG. DS-947502
"DXP" PUMP OIL CIRCUIT
DS-947821

PORT 24
2" PIPE CONNECTION TO
GEAR PUMP PRESSURE
AT PORT 11 ON PUMP

FULL STROKE
STOP

VOLUME
ADJUSTING SCREW

PORT 34

NEUTRAL STOP
PLUNGER

CONTROL RELIEF
VALVE

CIRCUIT SHOWS PUMP VIEWED
FROM FLANGE END

ENERGIZE SOLENOID "A" FOR PRESSURE AT PORT "A".
ENERGIZE SOLENOID "B" FOR PRESSURE AT PORT "B".

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

PRESSURE SWITCH
CONNECTION

3/4" HIGH PRESSURE LINE
FROM PUMP

NEUTRAL CYL. CONNECTED
FULL STROKE CYL. CONNECTED

PORT "A" VOLUME
CONTROL

PORT "A" VOLUME
CONTROL

4 PIPE
1/4" (DRAIN)

3/4 PIPE

3/8 PIPE

PORT 2
PORT 3
PORT 4
PORT 1

CHOOSE TO PREVENT
RELIEF VALVE CHATTER

CONNECT TO GEAR PUMP
PRESSURE AT PORT 13 ON PUMP

INCREASE PRESSURE
DECREASE PRESSURE

ADJUST THIS REMOTE PRESSURE
CONTROL VALVE FOR VARYING
PRESSURE.