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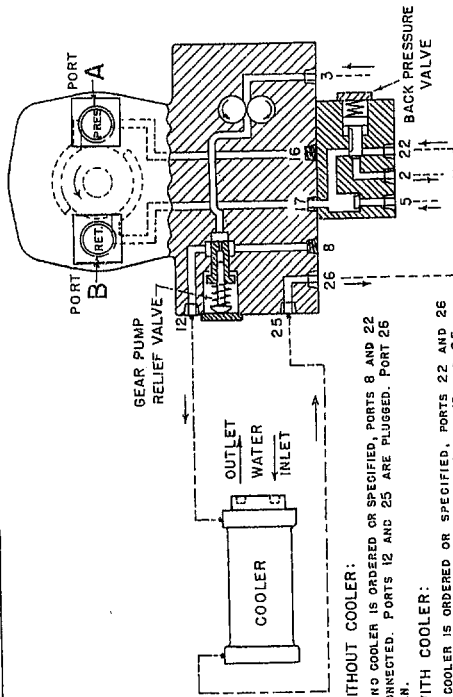
COOLER OIL CIRCUITS
ONE-WAY TYPE "D" PUMPS

APP. E. (A)

DR. G.M.

CH.

SIZES 4 AND 8 PUMPS
WITH DIFFERENTIAL CIRCUITS



PUMP WITHOUT COOLER:

WHEN NO COOLER IS ORDERED OR SPECIFIED, PORTS 8 AND 22 ARE CONNECTED. PORTS 12 AND 25 ARE PLUGGED. PORT 26 IS OPEN.

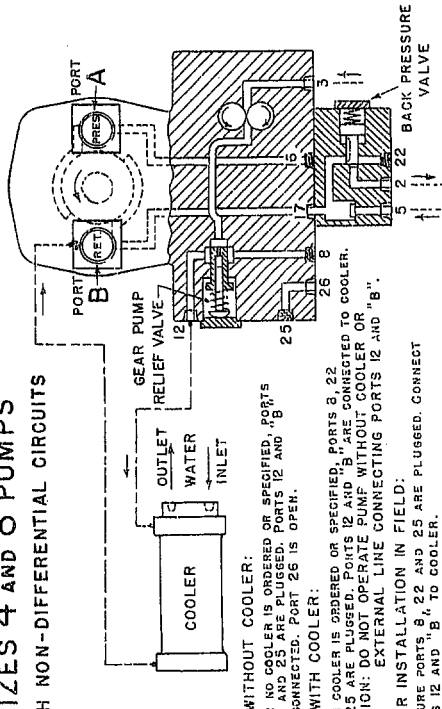
PUMP WITH COOLER:

WHEN COOLER IS ORDERED OR SPECIFIED, PORTS 22 AND 26 ARE CONNECTED. PORT 8 IS PLUGGED. PORTS 12 AND 25 ARE CONNECTED TO COOLER.

CAUTION: DO NOT OPERATE PUMP WITHOUT COOLER OR EXTERNAL LINE CONNECTING PORTS 12 AND 25.

* **COOLER INSTALLATION IN FIELD:**
BE SURE TUBE CONNECTING PORTS 8 AND 22 IS REMOVED. PLUG PORT 8. CONNECT PORTS 22 AND 26. CONNECT PORTS 12 AND 25 TO COOLER.

SIZES 4 AND 8 PUMPS
WITH NON-DIFFERENTIAL CIRCUITS



PUMP WITHOUT COOLER:

WHEN NO COOLER IS ORDERED OR SPECIFIED, PORTS 8, 22 AND 25 ARE PLUGGED. PORTS 12 AND "B" ARE CONNECTED. PORT 26 IS OPEN.




PUMP WITH COOLER:

WHEN COOLER IS ORDERED OR SPECIFIED, PORTS 8, 22 AND 25 ARE PLUGGED. PORTS 12 AND "B" ARE CONNECTED TO COOLER.

CAUTION: DO NOT OPERATE PUMP WITHOUT COOLER OR EXTERNAL LINE CONNECTING PORTS 12 AND "B".

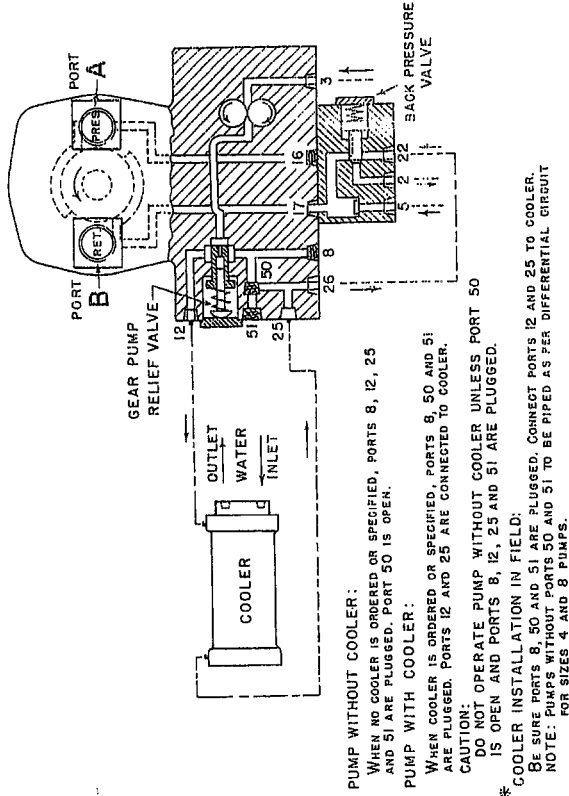
* **COOLER INSTALLATION IN FIELD:**
BE SURE PORTS 8, 22 AND 25 ARE PLUGGED. CONNECT PORTS 12 AND "B" TO COOLER.

NOTE:

OIL CIRCUIT SHOWS PUMP AS VIEWED FROM FLANGE END. OPEN PORTS ARE SHOWN THUS: . CORED OR DRILLED PASSAGES ARE SHOWN THUS: . PLUGGED PORTS ARE SHOWN THUS: .
SEE OIL CIRCUIT OF SPECIFIC PUMP FOR MORE DETAILED INFORMATION.
* COOLER INSTALLATION DRAWING-DS-47905
* OILGEAR RECOMMENDS GALVANIZED FITTINGS AND PIPE BE USED TO CARRY WATER TO AND FROM COOLERS.

COOLER OIL CIRCUITS
ONE-WAY TYPE "D" PUMPS

SIZES 12 TO 150 PUMPS
WITH DIFFERENTIAL CIRCUITS



PUMP WITHOUT COOLER:

WHEN NO COOLER IS ORDERED OR SPECIFIED, PORTS 8, 12, 25 AND 51 ARE PLUGGED. PORT 50 IS OPEN.

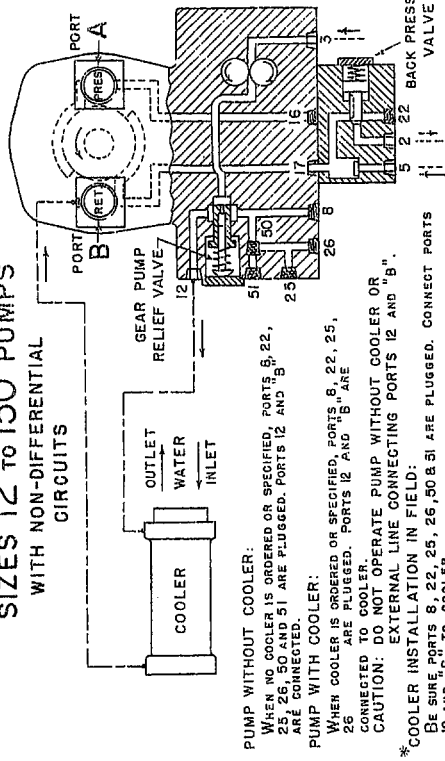
PUMP WITH COOLER:

WHEN COOLER IS ORDERED OR SPECIFIED, PORTS 8, 50 AND 51 ARE PLUGGED. PORTS 12 AND 25 ARE CONNECTED TO COOLER.

CAUTION: DO NOT OPERATE PUMP WITHOUT COOLER UNLESS PORT 50 IS OPEN AND PORTS 8, 12, 25 AND 51 ARE PLUGGED.

* **COOLER INSTALLATION IN FIELD:**
BE SURE PORTS 8, 50 AND 51 ARE PLUGGED. CONNECT PORTS 12 AND 25 TO COOLER. NOTE: PUMPS WITHOUT PORTS 50 AND 51 TO BE PIPED AS PER DIFFERENTIAL CIRCUIT FOR SIZES 4 AND 8 PUMPS.

SIZES 12 TO 150 PUMPS
WITH NON-DIFFERENTIAL CIRCUITS



PUMP WITHOUT COOLER:

WHEN NO COOLER IS ORDERED OR SPECIFIED, PORTS 8, 22, 25, 26, 50 AND 51 ARE PLUGGED. PORTS 12 AND "B" ARE CONNECTED.

PUMP WITH COOLER:

WHEN COOLER IS ORDERED OR SPECIFIED, PORTS 8, 22, 25, 26 ARE PLUGGED. PORTS 12 AND "B" ARE CONNECTED TO COOLER.

CAUTION: DO NOT OPERATE PUMP WITHOUT COOLER OR EXTERNAL LINE CONNECTING PORTS 12 AND "B".

* **COOLER INSTALLATION IN FIELD:**
BE SURE PORTS 8, 22, 25, 26, 50 AND 51 ARE PLUGGED. CONNECT PORTS 12 AND "B" TO COOLER. NOTE: PUMPS WITHOUT PORTS 50 AND 51 TO BE PIPED AS PER NON-DIFFERENTIAL CIRCUIT FOR SIZES 4 AND 8 PUMPS.