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Commercial Division
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PAGE: 1 OF: 1

SERVICE BULLETIN

SUBJECT: OIL COOLER SOLENOID VALVE WIRING CHANGE

SUPERSEDE
BULLETIN:
DATE:
PAGE: OF:

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PURPOSE

To advise of a factory wiring change and to provide instructions for making this change.

MACHINES AFFECTED

19C and 19DA machines shipped before approximately July 1968.

PROCEDURE

The oil cooler solenoid valve on existing machines is wired so that it energizes whenever the oil pump runs. Specifically, it is wired to Terminal 6 in the heat exchanger terminal box (19DA) or control console junction panel (19C).

During coastdown on machines with the oil pump time delay feature and during manual oil pump operation, cold oil will flow into the oil reservoir, lowering its temperature considerably during shutdown. If the compressor is subsequently restarted, the oil will foam excessively.

To prevent this condition, the oil cooler solenoid is now factory wired to Terminal 18 so that it is energized only when the compressor is running.

This change should be made to all machines in the field whenever they are serviced.

CAUTION: As there are several wires connected to Terminal 6, be sure that only the wire to the oil cooler solenoid is removed from this terminal. Otherwise, incorrect operation of the oil pump and possible damage to the machine will result.