

## M500 Day Tank Advanced Functions

### Day Tank Function Modes

Day Tank OmniPlex Controllers are programmable to accommodate the full range of day tank operating modes:

**Remote Fill Dual Solenoid Valves:** Activate a remote pump and open the dual solenoid valves.

**Remote Fill Lead / Lag Solenoid Valves:** Activate a remote pump and open the lead solenoid valve. On low level activate the lag solenoid valve. Alternate lead / lag status on consecutive starts.

**Remote Fill With Duplex Pump Control:** The C800 OmniPlex will operate in the above modes and also operate a pair of duplex pumps in their various operating modes: lead / lag, primary / secondary, twin.

**Onboard Transfer Pumps:** Operate 1 or 2 on-board pumps to transfer fuel into the day tank. Modes for dual pumps are lead / lag, primary / secondary or twin.

**High Stop Valves:** If a normally open solenoid is installed in the day tank fill piping, then the C800 controller will close the valve upon high level.

**Return Flow Pump:** If a return flow pump (or duplex return flow pumps) are provided, then the C800 controller will start the pump on High level to send fuel back to the bulk tank. The transfer pump can also be used to change the day tank level for testing, or to respond to high temperature conditions.



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