

OilTemp™ Temperature Control

The life and performance of your hydraulic machines is largely dependent on the effectiveness of your control over fluctuations in the oil cooling system. Ordinary control systems have left a lot to be desired when it came to precision maintenance of even oil temperatures. Your productivity suffered, your equipment suffered, your bottom line profits suffered. Now with the OilTemp™ system, these discouraging problems are eliminated and high productivity through improved machine performance has become reality.

IMPROVED MACHINE PERFORMANCE - Precision control of temperature allows consistent, faster production, extended oil life, less water consumption, less machine parts wear and more trouble free operation.

NO TEMPERATURE FLUCTUATIONS - With the OilTemp™ system, oil temperature can be maintained at a selected set point and will not vary beyond this point no matter what internal or external heat source is effecting the oil. In fact, the OilTemp™ system is the only method that reacts to a change in the oil temperature at less than $\pm 0.01^\circ\text{F}$.

MACHINE PRODUCTION - At any time when oil

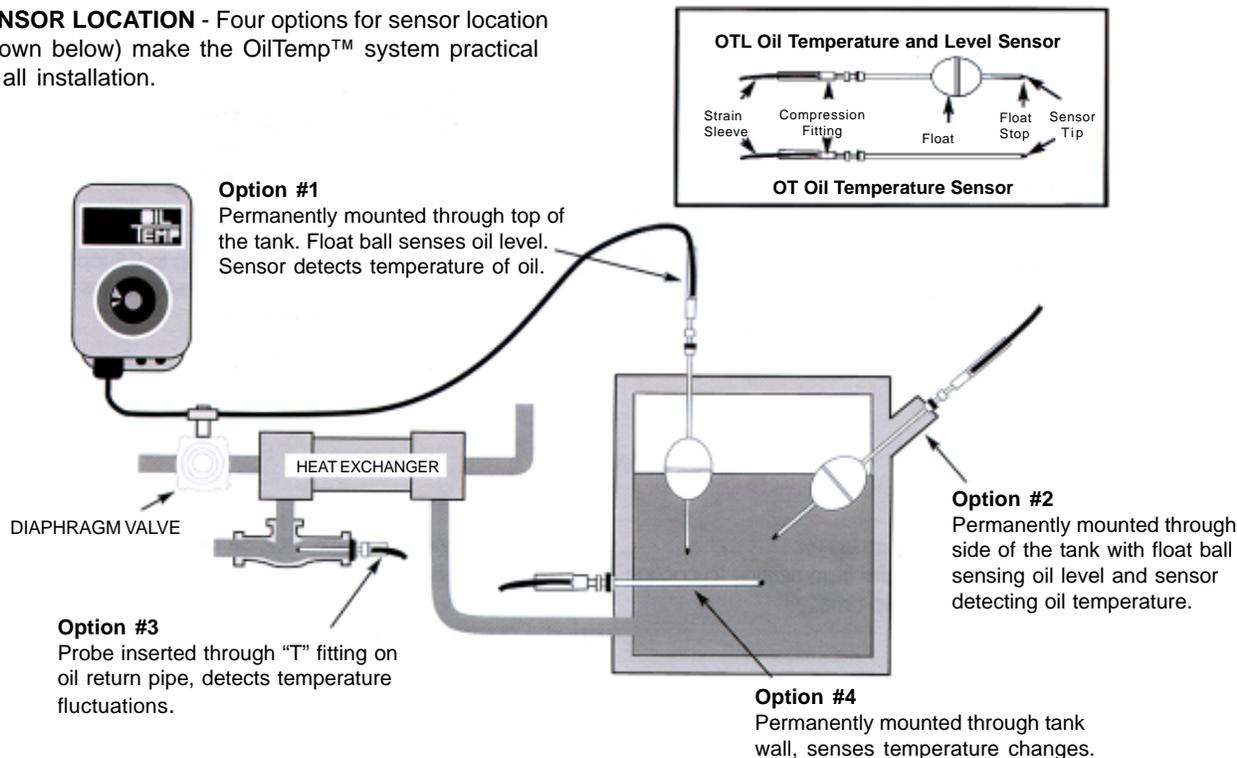
temperature exceeds the set point by 5°F the OilTEMP™ system sounds an alarm. Should 10°F above the set point be reached and long before machine damage can result, automatic shut down of the machine occurs while the coolant flow valve remains open. Even shorted or open circuit at the sensor activates the coolant valve, alarm and automatic shut down. You are protected at all times.

WATER CONSUMPTION - The on/off (pulse modulated) principle of intermittent injections reduces the use of coolant drastically. The water is stored in the heat exchanger where it absorbs the heat during the "OFF" period and flushed during the "ON" period. This allows water pressure to remain more constant for all your machines.

OIL CONSERVATION - By reducing the heat stress on the oil, the OIL TEMP will increase oil life and performance.

CLEAN HEAT EXCHANGER - At each opening of the OilTemp™ system valve, a full flow of coolant flushes sediment from the heat exchangers half working for you and you can eliminate frequent clean-out replacements that cost time and money.

SENSOR LOCATION - Four options for sensor location (shown below) make the OilTemp™ system practical for all installation.



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24 Hour Service - 7 Days a week

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