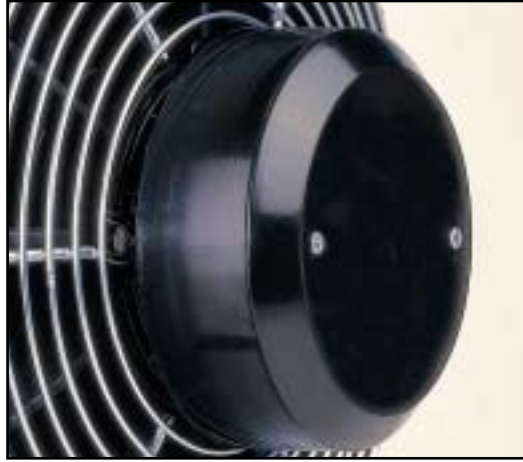


AIR OIL COOLER

DC-operated Oiltech LDC equipped with Smart DC Drive



Smart DC Drive for Oiltech's 12V and 24V Oiltech LDC air oil coolers.

Upgrade your new Oiltech LDC air oil cooler by fitting the Smart DC Drive or retrofit it to your existing Oiltech LDC cooler. Usually, the motor generator charging is set at 13V - 14V or 26V - 28V to provide all required electrical power, resulting in an unnecessarily short fan motor service life.

- With 14V or 28V, the service life of the D.C. fan motor is reduced to less than 50% of its potential, as high voltage will cause abnormal brush wear.
- A standard on/off switch will cause a voltage peak when the fan motor is switched on. This can result in interference elsewhere in the system. The Smart DC Drive will eliminate any voltage peak, thereby minimizing interferences in the system electronics elsewhere. The Smart DC Drive will maintain constant voltage in the 12V and 24V fan motor supply.

THE SMART DC DRIVE FITTED WITH A TEMPERATURE SENSOR

The temperature sensor is a linear type of sensor instead of a standard on/off switch. A linear speed control is achieved proportional to the cooling requirement, providing a more economical consumption of current to

maintain constant oil temperature in your hydraulic system.

A linear temperature sensor:

- will reduce noise level owing to optimum fan speed
- will minimize cooler matrix clogging - hence reduced cooling capacity - owing to an optimum air flow.

THE SMART DC DRIVE IS EQUIPPED WITH A BUILT-IN INTERFERENCE SUPPRESSOR

The interference suppressor meets the requirements of the EMC standard, EMC 89/336EEC - Interference-suppressed electric motors - The suppressor minimizes interferences to nearby electronic devices such as mobile telephones, computers etc.

For technical information about the cooler, see Oiltech Oiltech LDC pamphlet.

For new orders or for retrofitting, specify that you wish to supplement your Oiltech LDC with an Smart DC Drive.



FOR FURTHER INFORMATION, CONSULT YOUR LOCAL OLAER COMPANY!

