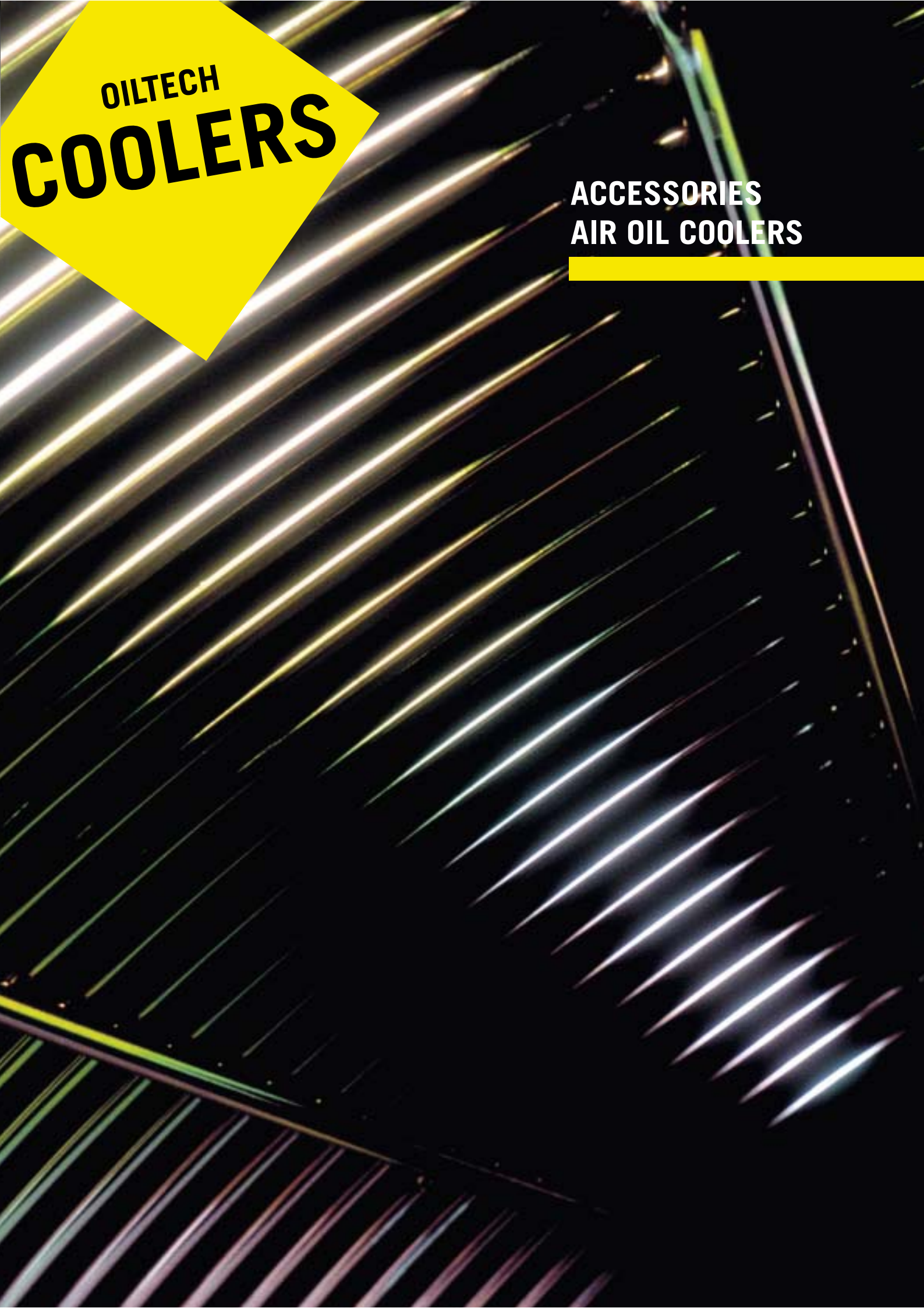


**OILTECH
COOLERS**

**ACCESSORIES
AIR OIL COOLERS**





CUSTOMIZED AIR OIL COOLERS

We design your cooler to meet your specific requirements. Two pass or multi pass coolers, different types of connections or alternative locations of connections are options that we can offer.

Let us know about your special requirements and our engineers will provide you with a tailor-made air oil cooler!



THERMO CONTACT

By means of a thermo contact the on/off function of an air oil cooler can be controlled via a relay. In this way, a correct oil temperature will be maintained. As an alternative a warning lamp or other kind of alarm can be linked to the thermo contact. The thermo contact is available with temperature settings of 40, 50, 60, 70, 80 or 90°C



LIFTING EYE BOLTS

To facilitate transfer and assembly of the larger sized air oil coolers lifting eye bolts can be fitted.





BY-PASS VALVES

For high return flow rates, in the case of cold start, when the pressure drop level across the matrix is high, we recommend installation of a pressure controlled by-pass valve. The pressure controlled by-pass valve is available with pressure settings of 2, 5 or 8 bar. This by-pass valve is also available in a thermo version with cold start function, which means that when the pressure drop across the matrix is above 0,5 bar the oil will pass through the by-pass valve. The temperature and pressure controlled by-pass valve counter pressure will increase gradually with the temperature to max 2,2 bar.



SMART DC DRIVE

Oiltech's DC operated air oil cooler, Oiltech LDC, can be fitted with a Smart DC Drive for optimum voltage control in the system. Incorporating a linear type of temperature sensor a linear fan speed control is achieved proportional to the cooling requirement. This provides a more economical consumption of current maintain a constant oil temperature in your hydraulic system. Oiltech's Smart DC Drive eliminates the voltage peaks generated when the fan motor is switched which often causes interference in the system electronics elsewhere. The Oiltech Smart Drive will maintain constant voltage in the 12V and 24V fan motor supply, prolonging electrical motor life considerably. A built-in suppressor will reduce disturbances in surrounding electronics such as mobiles and computers.



STONE AND DUST GUARD

In cases where the air oil cooler is placed in a tough environment, running the risk of matrix or fan guard clogging due to stones, coarse sand or fine paper dust, the air oil cooler should be fitted with a stone and/or dust guard. Matrix clogging always results in reduced cooling capacity.

