

**OLAER
A-LDC
COOLERS**

AIR OIL COOLER

Olaer A-LDC with D.C. motor for mobile hydraulic systems



COOLER SERIES FOR MOBILE HYDRAULICS

Olaer A-LDC air oil coolers with D.C. motors are high-efficiency coolers very competitive in price. Olaer are leaders in the field of solving problems of overheating in all types of hydraulic systems. For mobile hydraulic systems, we have developed a series of air oil coolers, Olaer A-LDC. From this series, we are able to supply coolers of the well-known high Olaer quality, at short notice.

The Olaer A-LDC air oil coolers can be fitted with a thermo contact for oil temperature control.

Cooler matrix with low pressure drop and high cooling capacity.



Reliability in operation

Improved performance, extended service life and reduced operating costs are the most important reasons for seriously considering cooling of your hydraulic system.

The correct working temperature is your only guarantee that the oil in the hydraulic system works at the correct viscosity. The ideal cooler will provide prolonged oil durability hence extended hydraulic system life, minimize internal potentials for leaks, prolong lubricating qualities and maintain hydraulic efficiency for the entire working cycle.

The Olaer A-LDC air oil coolers are fitted with a 12V or a 24V D.C. motor.

Own laboratory

A series of quiet, long-lasting coolers with a high cooling capacity per unit of surface area and a low pressure drop is the result from extensive research, development and testing in our own laboratory.

The components are carefully selected to ensure optimum performance.

Coolers for unlimited cooling requirements

Olaer A-LDC air oil coolers are ideal for mobile applications, primarily because of their compact size and light weight but also because they are quiet. The Olaer A-LDC coolers have high physical strength and are easy to retrofit on many types of machines and offer unlimited utilization of all standby units.

In the Olaer A-LDC series we have also developed small sized coolers for small cooling requirements.

Calculate your cooling requirement

Olaer has developed a calculation program where, by entering your basic data, you can calculate your cooling requirement and select the correct cooler. The program is available on request from your local Olaer company.

For more detailed information, see separate technical sheet. The Olaer Group is represented worldwide providing you with support wherever you are located.



Different bypass functions are available to protect against cold starts.

Can be fitted with Olaer Smart DC Drive for soft start and low current consumption

Can be fitted with dust and/or stone guard.

12V or 24V D.C. motors.

Olaer A-LDC coolers for all applications

Mobile

- Cranes
- Harvesters
- Graders
- Rollers
- Contractors machines
- Wet brakes
- Rail-borne machines
- Picking machinery
- Earth drilling machines
- Concrete pumps
- Mining equipment
- Bulk loaders
- Fork-lift trucks
- Rock drills
- Geological investigation machinery
- Ditch excavators
- Scrapping machinery
- Forestry machinery
- Forwarders
- Asphalt spreaders
- Street-cleaning machines
- Snow slingers
- Cable laying machines
- Garbage collection trucks
- Ready-mix concrete trucks
- Agricultural machinery
- Compressors
- Motor oil cooling
- Power Generating Units

Consult your local Olaer company for:

- type
- applications
- system construction
- sizing
- extreme operational conditions

**OLAER
COOLERS**

THE COMPLETE PRODUCT RANGE



OLAER A-LAC

An air oil cooler designed for industrial applications fitted with single-phase or three-phase motor. The components have been developed in our laboratory for optimum performance.

Max. cooling capacity 130 kW at ETD 40°C.



OLAER A-LDC

An air oil cooler ideal for mobile applications because of its compact design and light weight, fitted with a 12V or a 24V DC motor. During the development of the A-LDC series of air oil coolers we developed also coolers for small cooling requirements.

Max. cooling capacity 30 kW at ETD 40°C.



OLAER A-LHC

An air oil cooler fitted with a hydraulic motor for heavy duty applications with high cooling requirement. The OLAER A-LHC air oil coolers are designed for industrial as well as mobile applications. Max. cooling capacity 130 kW at ETD 40°C.



OLAER A-LOC

An extremely reliable air oil cooling system consisting of a matrix, a fan and a pump. Fitted with one electric motor only, this cooling system is easy to install and at a very low cost. The OLAER A-LOC cooling system is supplied fit for installation in your system.

Max. cooling capacity 45 kW at ETD 40°C.



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Please note: Being a renowned manufacturer of cooling systems for hydraulics, OLAER is constantly seeking ways to improve the specification and design of its products and alterations take place continually. The products in this brochure may be updated, altered in any way or discontinued, without prior notice.