

Parker Product Datasheet



The LDC air oil cooler series with 12 or 24V DC motor is optimized for use in the mobile industry and is available in a range of cooling capacities from 1kW to 30 kW. Please use the sizing software for proper cooler sizing.

PART NUMBER: 5827023012

SIZE: 23

PRODUCT OVERVIEW

The Parker LDC air oil cooler series offers a reliable and efficient cooling solution with the additional benefits of short lead times and 48 delivery for some part numbers. This series can be fitted with a Smart DC Drive which provides a smooth fan start, reduced power consumption & noise level and eliminates voltage peaks, all of which contribute towards a longer service life for the fan motor.

The maximum cooling capacity is 30 kW at ETD 40°C Size 033.

Markets:

- Mobile

Features/Benefits:

- Quiet fan and fan motor.
- Efficient and robust design which extends operating lifetime and reduces service and maintenance costs
- Cooler matrix with low pressure drop and high cooling capacity.
- Easy to maintain and easy to retrofit in many applications.

The correct working temperature produces a number of economic and environmental benefits:

- The hydraulic system’s useful life is extended.
- The oil’s useful life is extended.
- The hydraulic system’s availability increases – more operating time and fewer shutdowns.
- Service and repair costs are reduced
- High efficiency level maintained in continuous operation – the system’s efficiency falls if the temperature exceeds the ideal working temperature.

Applications:

- Truck cranes
- Body builders
- Mining machinery
- Forestry machines

We have only included the cooler part numbers which are available for Fast Track delivery (dispatched within 48 hours). For additional cooler options please download the LDC air oil cooler brochure or our cooler product selector software to view 3D Models, product literature and sizing software. You can also download our Cooler Sizing Software to select a cooler (in the Product Support tab).

Previously branded as Oiltech and Olaer.

TECH SPECIFICATIONS

DIVISION	Hydraulic Actuator Division Europe
MAXIMUM OPERATING PRESSURE	14 bar
FLOW RATE	200 L/min
FOR FLUID TYPE	Water Glycol
FOR FLUID TYPE	Mineral Oil
APPLICATION	Truck Cranes
APPLICATION	Mining
APPLICATION	Body Builders
LENGTH	218 mm

PRODUCT TYPE	LDC-023-B-0-00-000-0-0
MATERIALS OF CONSTRUCTION	Aluminum - carbon steel painted
WEIGHT	25 kg
WIDTH	615 mm
HEIGHT	635 mm
MOTOR TYPE	24V DC
NOISE LEVEL	77 dBA
PORT SIZE	G1 inch
INPUT VOLTAGE	24 V
MAXIMUM FLUID TEMPERATURE	120 °C
CONNECTION THREAD SIZE	G1 inch
SWITCH OPTION	None
BYPASS OPTION INCLUDED	No Bypass
MAXIMUM COOLING CAPACITY	0.46 kW/°C
MOTOR POWER OUTPUT RATING	0.26 (x2) kW