

Delphi Oil Coolers

► Description

Mounted in the radiator inlet or outlet tank, Delphi's Oil Coolers are plate-type oil-to-water coolers that transfer air to reduce the temperature of engine oil or transmission fluid. The coolers can be customized by adding or deleting plates, fittings, and quick connects.

Delphi's patented high-performance Oil Coolers provide maximum heat transfer capability with minimal packaging volume. Packaged in conventional radiator tanks, these coolers can provide the performance equivalent of an auxiliary oil cooler.



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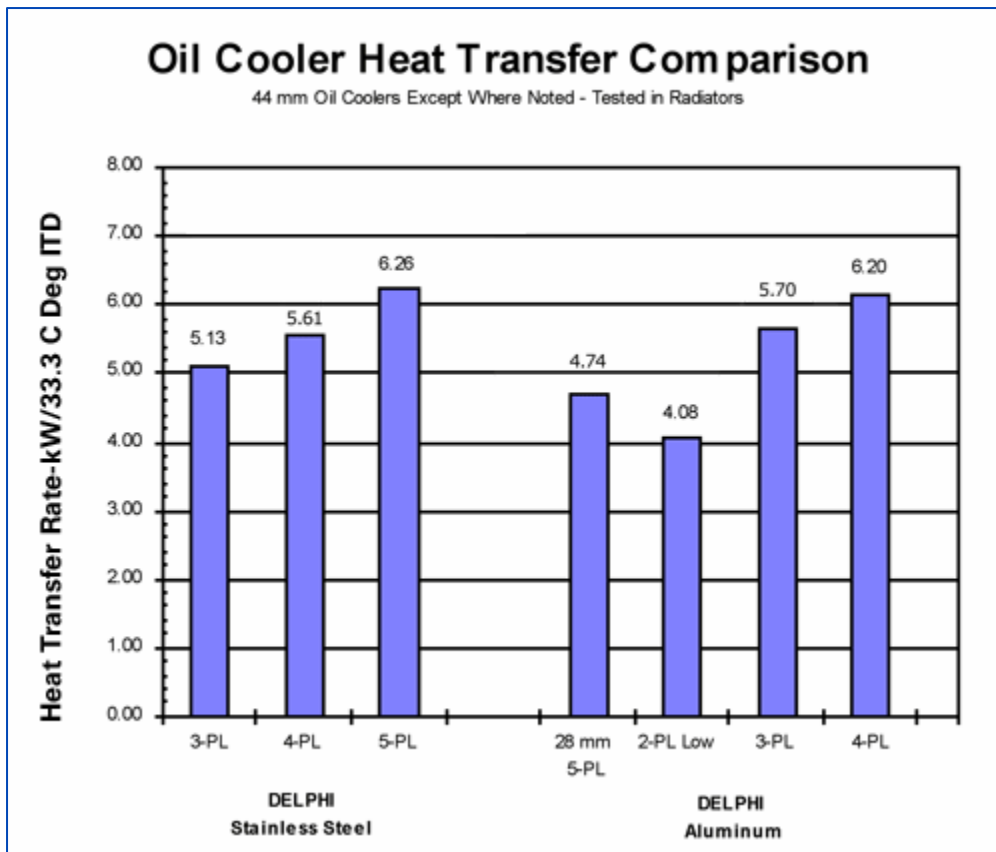
► Benefits

- Aluminum or stainless steel alloy plate-type design provides high heat transfer performance per plate in a compact package
- Selection of turbulators allows performance to be tuned to pressure drop rate
- Brazing process (plates and inlet/outlet ports) enables reliable, oil-tight construction
- Several mounting and fitting options available, including quick connect fittings

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► Specifications

- Heat transfer performance (2 to 7 plate): 17.57 liters of oil/min at 33.3°C inlet temperature difference; 3.3 to 7.1 kilowatts (110 to 35 kPa delta P)
- Plate geometry (flexible with application; 2 to 7 plate [1.25-4.3 cm stack height]): 4.4 x 33.1 cm (aluminum or stainless steel); 6.4 x 31.0 cm (stainless steel)
- Assembly weight (2 to 7 plate) varies with geometry: .35 to 1.06 kg (stainless steel); .27 to .61 kg (aluminum)
- Operating pressure: 1034 kPa continuous; 1551 kPa max surge pressure



Dexron® III 7.57 l/min at 115.5°C
 Water 94.6 l/min at 82.2°C

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