KNOW WHAT YOU BUY

RADIATORS

ENGINE OIL COOLER

How many plates?

Fewer plates increase the risk of excessive engine oil temperature. Overheating oil oxides and creates a varnish build-up which reduces lubrication and increases engine wear.

A higher number of plates increases the cooling efficiency.

TRANSMISSION OIL COOLER

What is the plate design?

Less effective transmission oil cooler will increase the transmission fluid temperature which hardens seals and causes internal leaks. This leads to rapid wear of components and damage to the transmission.

Plate-type design is better because it has more surface area when stacked.

FITTINGS

What is the build quality of the fittings?

Fittings need to properly seal and prevent leaks that will destroy the engine or transmission when fluid level is too low. Leaks will involve expensive repair costs.

Quick-connect fittings are designed to hold lines in place.

TUBES

What is the number of tubes on the core?

Fewer tubes limit the quantity and flow of coolant liquid circulating in the radiator, increasing the engine wear.

The right number of tubes cools the engine adequately and reduces engine wear.

FINS

What is the number of fins per inch?

Less fins means less cooling and more internal wear.

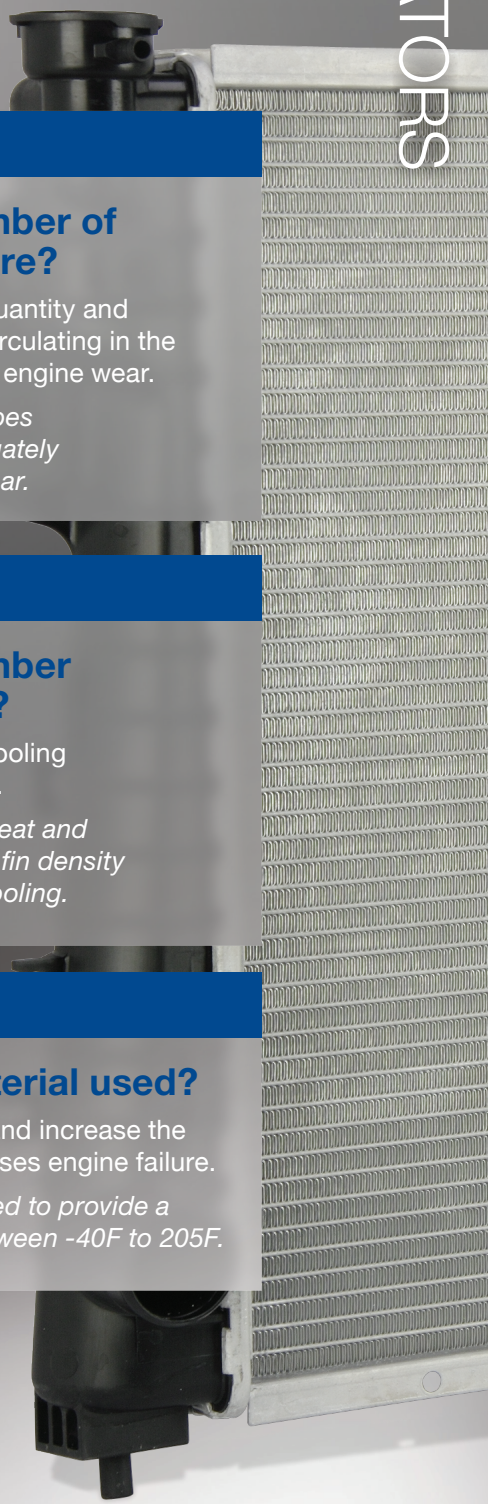
The fins evacuate the heat and not the tubes, the right fin density is needed for proper cooling.

GASKET

What is the material used?

Leaks reduce cooling and increase the boiling point which causes engine failure.

The rubber gaskets need to provide a leak-free operation between -40F to 205F.



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