

## **Radiator Cleaner**

**Bardahl Radiator Cleaner** cleans the cooling system. It is a product specially developed to remove the oxidized and solidified by-products of antifreeze and refrigerant, as well as combustion residues. It combines sulfate succinates, surfactants, and oil and fat dissolvers. It also contains detergents, which dissolve and disperse the dirt and keep the loosened dirt and Sludge in suspension.

## The problem

Cooling systems ensure that the heat from the engine is transferred to the coolant and then through the radiator to the outside air. Oxidized and jelly-like by-products of coolant and antifreeze prevent this heat transfer. These by-products settle on the metal and act as an adhesive, on which rust, scale, and dirt attach. This layer of soil forms an insulating separation that reduces the radiating capacity of the heat. As a result, a loss of more than 20% can occur. A stagnation of the heat dissipation causes the engine to get too hot; Due to overheating, engine parts can deform or even tear. The oil film intended to protect the moving parts is burned away and a contact of metal on metal is created, leading to eating and excellent wear and tear. Uninterrupted heat dissipation and thus optimal cooling system functioning is essential for the engine's life.

## How it works

Bardahl Radiator Cleaner will remove the deposits that have formed on the metal surface in the cooling system by using a new type of surfactant coupled with solvents. The solvents crawl into every nook and cranny to loosen dirt, break it down and hold it in suspension until the cooling system is drained. For (old) cooling systems with severe rusting, scale deposits, or blockages, it is recommended to use **Bardahl Power Descaler**.

**Bardahl Radiator Cleaner** can be used without draining the coolant. It will not affect hoses or rubber compounds and is entirely harmless to aluminum.

## Manual

Before use, shake the can **Cleaner** well and pour the contents into the radiator.

Pay attention to the liquid level in connection with flooding. Run the engine for at least 10 minutes at a high but not boiling temperature. If necessary, cover radiants.

**Bardahl Radiator Cleaner** can also be used while driving. One then leaves the mixture for a ride of 150. do his job.300 km

After cleaning with either method, drain the entire cooling system. Then rinse with fresh water until the water rinses clear. Then fill the cooling system again with water and antifreeze or coolant to the average level.

One will notice that the heater will work better after rinsing. This is because the insulating layer has been removed, and the heat transport has been increased. NB 1ltr packaging and larger (on request) a ratio max 1:40 applies.

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