

## Service Additives – Cooling System

Version: SA11/02

# Valvoline™ Cooling System Cleaner

Cleaning concentrate for quick and simple cleaning of radiator and heating systems. Effectively removes and binds oil and grease residues. Permeates and removes mud and corrosion residues.

## Applications

Suitable for all cooling systems of gasoline and diesel engines.

For a highly effective engine cooling performance after a coolant change.

Application:

- to improve radiator performance
- to remove deposits from the cooling system
- to clean the cooling system of engine oil contamination (e.g. after gasket failure or engine repair)

## Operating instructions

Remove the dirty coolant before cleaning and refill with fresh water. Apply the Valvoline Cooling System Cleaner (250 ml) to the radiator and leave the engine running at operating temperature for around 30 minutes.

Drain the dirty mixture from the system (in case of a highly polluted cooling system repeat procedure). Wash out the cooling system with clean water.

Refill the cooling system after cleaning, checking the sealing and ventilation.

Suitable for up to 10 liters of coolant.

Note: in case of oil contamination it is recommended to replace rubber parts preventively.

## Features & Benefits

### Effective cleaning

Removes and binds all oil and fat containing residues. Also, permeates and removes sludge and corrosion residues from the cooling system.

### Contamination prevention

Prevents early contamination of the new coolant by left over residues or sludge in the cooling system.

### Universal application

Suitable for all cooling systems of both petrol and diesel engines.

# PRODUCT INFORMATION



## Keeping the world moving since 1866™

Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit [www.valvolineeurope.com](http://www.valvolineeurope.com)

## Typical properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

Cooling System Cleaner	
Appearance	Colorless and hazy
Specific Gravity @ 20°C	1,03
Flash Point, °C	> 100

**This information only applies to products manufactured in the following location(s): Europe**

## Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet <http://msds.valvoline.com>

## Protect the environment

Take used chemical to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

## Storage

We recommend to store all packages under cover. Keep container tightly closed and stored in a cool, dry and well ventilated place. Products should be stored inside and do not exposed to direct sunlight and high temperatures. Avoid freezing conditions.

Replaces – SA11/01

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