



COOLANT & ANTIFREEZE

OILS & CHEMICALS | A29004

Purpose

The main purpose of coolant is to cool the motor. This prevents overheating and keeps the operating temperature constant. Coolant must also fulfil other, much more complex tasks.

Tasks

- Cool the engine by the cooling system
- Protect the cooler, water pumps and cooling channels against corrosion
- Clean and prevent from mineral deposits



SYMPTOMS

- Engine temperature is too high
- Too little coolant in the expansion tank
- Oil film and oil stains in the expansion tank
- Brown coolant in the expansion tank



REASONS FOR FAILURE

- Coolant level is too low/high
- Wrong coolant
- Change interval has been exceeded
- Cooling system is leaking



RECOMMENDED BY THE EXPERTS

- Have the level of the expansion tank checked regularly
- Replace the coolant every 2-4 years, in accordance with the manufacturer instructions
- Use a coolant specified by the manufacturer
- Coolant concentrations are between -20 °C and -30 °C
- Do not open the system when engine is warm



CONSEQUENTIAL DAMAGES

- Motor damage due to overheating
- Environmental pollution due to the release of coolant
- Clogging of the cooling channels
- Lack of corrosion protection
- Damage to the cylinder head gasket

COOLANT FROM ACKOJA

You can find more information at www.autoteile.de

- **Long coolant service life:** Additives and additional supplements prevent deposits and foaming of the coolant
- **Optimal protection of the metal components:** Corrosion inhibitors form a strong protective layer on the surface
- **Free from environmentally harmful substances:** based on ethylene glycol and free of silicates and potentially harmful substances such as nitrites, amines, phosphates



한국 일본 자동차 부품

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COOLANT & ANTIFREEZE CONCENTRATE



Hyundai	Long Life Coolant, 07100-00200, 07100-00400, 00232-19010
Mazda	FL22 Coolant, 000077508E20, C122CL005A4X, C100CL005A4X
Nissan	Anti-freeze Coolant(L250), KE90299934, KE90299944, KLD4100002EU, KLD41-00002, 999MP-GTRT00P
Info	Concentrate, green

X-Ref Universal* **A60-0001**

COOLANT & ANTIFREEZE CONCENTRATE



Honda	
Hyundai	
Kia	
Mitsubishi	0103044, 0103045, MZ311986
Nissan	
Toyota	08889-020115, 08889-01005, 08889-80014, 08889-80015
Info	Concentrate, violet

X-Ref Universal* **A60-0007**

COOLANT & ANTIFREEZE READY MIX -20°C



Hyundai	Long Life Coolant, 07100-00200, 07100-00400, 00232-19010
Mazda	FL22 Coolant, 000077508E20, C122CL005A4X, C100CL005A4X
Nissan	Anti-freeze Coolant(L250), KE90299934, KE90299944, KLD4100002EU, KLD41-00002, 999MP-GTRT00P
Info	ready-to-use, green

X-Ref Universal* **A60-0003**

COOLANT & ANTIFREEZE READY MIX -20°C



Honda	
Hyundai	
Kia	
Mitsubishi	0103044, 0103045, MZ311986
Nissan	
Toyota	08889-020115, 08889-01005, 08889-80014, 08889-80015
Info	ready-to-use, violet

X-Ref Universal* **A60-0011**

* For detailed vehicle information, please refer to the vehicle lists under www.autoteile.de.

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