

Reliable and proven: ADDINOL Antifreeze Extra

Your practical benefits



Cooler protection

ADDINOL Antifreeze Extra based on ethylene glycol and a powerful additive package on OA-technology basis has been specifically developed for the reliable protection against frost, corrosion and cavitation.



High temperatures

In the operation of high-performance engines typically high temperatures occur which are safely dissipated by ADDINOL Antifreeze Extra.



Protection and compatibility

All metals used in the engine, whether aluminium, cast iron or copper, are reliably protected against corrosion. Moreover, ADDINOL Antifreeze Extra is neutral towards sealing materials and thus reduces the risk of leakages to a minimum.



Minimum foam tendency

ADDINOL Antifreeze Extra shows lowest foaming tendency and is reliable in practical use.



Approved and proven

ADDINOL Antifreeze Extra and Antifreeze Extra 4060 have been approved by leading manufacturers and have been proven in practice many times:

- GE Jenbacher TA 1000-0200
- MAN 324 Typ SNF
- MWM 0199-99-2091
- Tedom 61-0-0257



Optimum mixing ratio

ADDINOL Antifreeze Extra is a coolant concentrate which has to be diluted with water before use. It must not be used as pure concentrate! It can preferably be mixed with softened water in any ratio. (mixing table overleaf)
ADDINOL Antifreeze Extra 4060 is already premixed with special water. It can be used immediately without any great effort and with stable quality. It is particularly suitable for unfavourable water qualities on site and also for service companies which attend to different locations with different water quality.

Cost reduction



Long service life

Thanks to its high technical stability ADDINOL Antifreeze Extra achieves a long lifetime even at high loads.



High efficiency

Optimally adjusted cooler protection reduces oil ageing and prevents overheating damage to engine components.

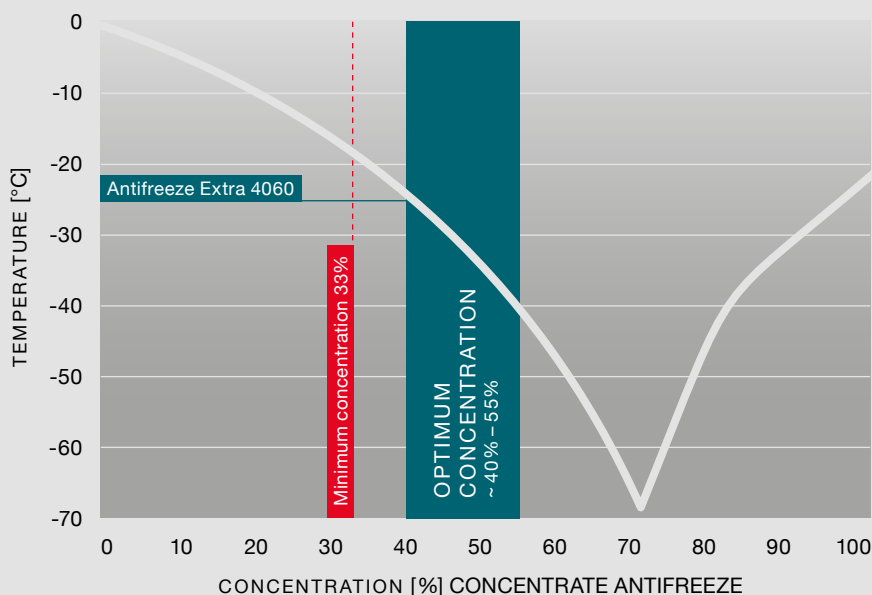


Less deposits

ADDINOL Antifreeze Extra is based on high-quality components and free of silicate, nitrite, amine, borate and phosphate. It does not form any deposits which impair the heat dissipation.

Tailor-made for all temperatures and conditions

DEPENDENT ON THE OPERATING CONDITIONS COOLER PROTECTION
CAN BE OPTIMALLY ADJUSTED:



MIXING RATION (Vol %)		FROST CONTROL
ANTIFREEZE EXTRA	WATER	down to
35	65	-18 °C
40	60	-25 °C
50	50	-36 °C

Changeover instructions

1. System check: Systems with silicate cartridge cannot be switched to Antifreeze Extra!
2. Empty system.
3. Rinse system completely: For best results we recommend the application of water mixed with 5% **ADDINOL Protect Extra**.
4. Refill with Antifreeze Extra: Please observe the mixing ratio according to the manufacturer's instructions. In case of unfavourable or unknown water qualities we recommend the use of **ADDINOL Antifreeze Extra 4060** which is already premixed and ready for immediate use.
5. Check the water filters for soiling every 2 days, if necessary clean or change them.

ATTENTION!

When changing to **ADDINOL Antifreeze Extra** existing deposits in the cooling system are dissolved and the coolant becomes cloudy. This turbidity does not affect the protection of the system. Please check and clean the water filters in short intervals (approx. 2 days). After about one week in circulation the cooling liquid is clear and without impurities. In case of strong soiling we recommend a second change.

Service tip

Optimum protection and long lifetime thanks to careful monitoring and maintenance

For optimum protection and long service life of the water-bearing components, the accompanying care and monitoring of the coolant is essential.

INNIO Jenbacher for example, has formulated specific regulations for the care of the cooling system in TA 1000-0200 and W 8080 A0.

WE RECOMMEND

1 x per week | Check

- Filling level/Pressure
- pH value using indicator paper or electric measuring device
- Concentration by refractometer

1 x per year | Analysis

- Complete analysis with analysis set turquoise from Oelcheck