



Antifreeze US 6210 EVO Ni

Special Low Silicate Si-OAT/ Nitrite Radiator Protection Concentrate

Description:

Antifreeze US 6210 EVO Ni is a silicate- free, phosphate- free mono ethylene glycol based antifreeze concentrate for use in summer and winter with frost and rust protection properties (all- year- round use).

Antifreeze US 6210 EVO Ni is used as cooling and heat transfer fluid used in combustion engines, in particular for "Heavy Duty" engines.

Properties:

- Effective corrosion protection for all engine metals, including aluminum and iron alloys
- Excellent protection against cavitation
- Aluminum protection
- Uniform and homogeneous protective layer
- No gelation and failures

Application:

Antifreeze US 6210 EVO Ni has been developed as a special high-performance engine coolant which is suitable for engines made of cast iron, aluminum or combinations of the two metals as well as for cooling systems made of aluminum or copper alloys.

Antifreeze US 6210 EVO Ni is suitable for gasoline, diesel and natural gas engines in vehicles or in industrial applications and is specifically recommended for high performance engines, in which a high-temperature protection for aluminum is of great importance.

Antifreeze US 6210 EVO Ni meets the coolant TMC RP329 and ASTM D6210 for high performance engines.

It is part of a good maintenance practice to test the nitrite concentration regularly (see OEM recommendations). If the nitrite concentration falls below 800 ppm, a replacement of the product is recommended.

Typical concentrations in northern Europe are 50% **Antifreeze US 6210 EVO Ni** and 50% water (recommended: softened water), with a frost protection up to -40 ° C.

Mixtures with more than 70 vol. % of **Antifreeze US 6210 EVO Ni** are not recommended as the maximum achievable frost protection (-69 ° C) is reached at 68 vol. % .

Suitable for/ we recommend this product for:

We recommend this product for:	
ASTM	D 6210 Type I-FF
ASTM	D 4985
ASTM	D 3306 Type I
US FEDERAL SPEC.	CID AA 52624-1-A
CUMMINS	CES 14439
CUMMINS	SB366132
CUMMINS	3666286
DETROIT DIESEL	7SE298 M.I. 1784E
FEDERAL SPECIFICATION	A-A-870A
FREIGHTLINER	48-22880
GM	1825M
GM	1899M
GM	6038M
JOHN DEERE	8650-5
MACK	014617004
TMC	RP 329

Miscibility:

- **Antifreeze US 6210 EVO Ni** is miscible with most of the coolants based on ethylene glycol. For optimum corrosion protection the use pure **Antifreeze US 6210 EVO Ni** recommended. For the preparation of mixtures softened water should be preferred.

Data are subject to change.

Attention: Service instructions should be observed!

KC/WI/-
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Antifreeze US 6210 EVO Ni

Article No.	Packaging unit	
510 515	Can	20 L
510 516	Drum	60 L
510 518	Drum	200 L
510 519	PE-Container	1000 L

Typical characteristics:

Specific weight at 20°C	kg/m ³	1,120
Boiling point	°C	170
ph-value (20°C)		10,5
Nitrites (NO ₂)	ppm	2300
Molybdenum	ppm	370
Reserve alkalinity		9,5
Colour		pink (violet)

