Technical Data Sheet (TDS)

Shell Antifreeze Super Protection ready to use -18°C

Formulation code: CRX793, CRX793p

Description & Advantages

Shell Antifreeze Super Protection are nitrite-, amine-, phosphate free (NAP free) engine coolants based on Mono Ethylene Glycol (MEG), which must be diluted with water before use. The technology of inhibitors provides a particularly good corrosion protection in cooling systems.

Shell Antifreeze Super Protection coolant is designed for all types of car cooling systems, also for aluminum cooling system. It can be used in industrial cooling systems especially where low temperature resistance and corrosion protection is required. Apart from its basic function of excess heat transfer from the system also protects the system against corrosion and scale deposition, has anti-foaming properties. For coolant change intervals follow the vehicle manufacturer recommendations. Safe for all car parts that is in contact with.

Shell Antifreeze Super Protection complies with plenty of the European and International quality standards: ASTM D3306 (US), SAE J 1034 (US), BS 6580: 2010 (UK), AFNOR NF R15-601 (FR), FVV Heft R443 (DE), CUNA NC 956-16 (IT), UNE 26-361 (ES), AS 2108 (AU), ONORM V 5123 (AU).

Usage

Shell Antifreeze Super Protection ready to use -18°C is ready to use. Does not require dilution.

Shell Antifreeze Super Protection can be mixed with similar technology engine coolants based on Mono Ethylene Glycol (MEG) however, it is always recommended to follow the car manufacturer’s instructions and in long run, replace the mixture fluid on the homogeneous coolant.

Properties

Chemical nature	Mono Ethylene Glycol with inhibitors
Physical state	Clear liquid
Colour	Green-Blue

Properties (below are typical values):

Density at 20°C (kg/m³)	1,045	ASTM D4052
Boiling point (°C)	105	ASTM D1120
Freezing point (°C)	-18	ASTM D1177
pH value	7,7 to 8,5	ASTM D1287
Miscibility with water	soluble in all proportions	

Stability & Storage

Shell Antifreeze Super Protection is stable for up to 2 years if stored in air-tight containers at maximum temperature of 30°C in dry and well-ventilated place. Keep container tightly closed. Galvanised steel is not recommended for any storage tanks or pipes.

Safety

Product is classified as hazardous according to EC CLP regulations. For details, see Safety Data Sheet. A safety data sheet compliant with applicable regulations is available. No UN number.

Date of issue: 02.04.2024
