We are Spanish and German. We are passionate perfectionists. We are emotional technologists. Everything we know, is everything you feel. We give design a purpose. We bring technology to life. We call it TECHNOLOGY TO ENJOY. We are SEAT.

SEAT

TECHNOLOGY TO ENJOY

Authorized **SEAT SERVICE**

SEAT **GENUINE PARTS**

SEAT committed with a line of continuous improvement of its products and services, is entitled to change without prior warning any specifications included in this publication. 000099263PE.

SEAT

SEAT GENUINE COOLANT G13

Keeping cool your engine

TECHNOLOGY TO ENJOY

DID YOU KNOW?

A lot of people think that coolant is simply antifreeze, but it also protects the engine from overheating and internal corrosion.

Internal temperatures in excess of 2000°C would otherwise destroy the engine. Excess heat must therefore be dissipated rapidly and reliably.

The engine's cooling circuit is a closed system under pressure (up to 1.5 bar). The system's reservoir is therefore more than just a receptacle for the coolant fluid; it serves as an expansion tank.

For this reason, the amount of coolant must always remain within the 'max' and 'min' filling indicators.

For example, in the case of a 2-liter, 4-cylinder engine, up to 100 litres of coolant per minute is circulated when the system is fully filled.

The dash panel warning light or rising of the temperature indicator mean malfunctioning of the cooling system. In such a case, the car must be immobilized immediately and let the engine cool down so that the level of the expansion tank can be checked.

If there is insufficient antifreeze in the coolant, it can freeze and expand. If this occurs, the consequences can include cracking in the cylinder block or heads, as well as in the cooling system.

The cooling system's fluid level, density (i.e. any leakage) and antifreeze capacity should be regularly checked. To prevent damage to the system or to the engine, you should only top up with coolant additives approved by SEAT and at the correct mixing ratio.

SEAT GENUINE COOLANT G13

Has been specifically developed for SEAT engines and is fully compatible with all metals, rubbers and synthetic compounds that are present in the cooling circuit.

Provides anti-freeze protection up to -40°C and increases the cooling system's boiling point to 135°C, thus preventing the coolant from evaporating at high temperatures.

Contains special substances forming a protective film on the system's metal surfaces, in order to prevent corrosion. It also effectively prevents limescale deposits and hyperacidity.

Is used for any required topping up when your SEAT is inspected – whereupon it is mixed at the correct ratio.

Is mixable with G11, G12 and G12 plus and G12 plus plus. Is also available as a ready-mix product, which you can use to immediately refill your cooling system in emergencies.

ADVANTAGES

/ Anti-freeze protection to -40 °C
/ Optimum performance at extreme temperatures
/ Engine protection from corrosion and limescale deposits
/ Partially manufactured from renewable raw materials

SEAT GENUINE PARTS

/ The same quality as the parts used in manufacturing the vehicle.
/ They contribute to all the vehicle parts adapting perfectly with each other, therefore rendering utmost safety, reliability and performance.