

DESCRIPTION

Castrol Antifreeze & Summer Coolant is a balanced formulation of mono ethylene glycol and corrosion inhibitors.

APPLICATION

Castrol Antifreeze & Summer Coolant is recommended for use in the cooling systems of petrol or diesel vehicles with aluminium or cast iron engines, all year round. Castrol Antifreeze & Summer Coolant is manufactured to BS6580:1992, a 33% concentration will protect down to -18°C. However, Castrol recommend that the coolant mixture strength be maintained at 50% Antifreeze/50% water. This ratio will provide for frost protection down to -35°C. Whilst this level of protection is excessive for service conditions encountered in the UK., it is important to note that this mixture is essential to maintain the correct level of corrosion inhibitors.

FEATURES/BENEFITS

Castrol Antifreeze & Summer Coolant provides excellent protection against corrosion, and because it contains no phosphate, the problems of deposits in some modern performance engines are reduced. In addition to providing excellent corrosion and low temperature protection, the use of the recommended level of Antifreeze will significantly reduce the likelihood of wet cylinder liner pitting due to "cavitation erosion". Cavitation erosion is caused by the implosion of air bubbles present in the coolant and which are attracted to the liner outer surface. These bubbles implode, resulting in the removal of minute amounts of liner material; this, if allowed to continue unchecked, will result in liner porosity and severe engine damage.

TYPICAL CHARACTERISTICS

	<i>SPECIFICATION LIMITS</i>	<i>ASTM METHODS</i>
Relative Density:	1.12 to 1.14	D1122-58
pH of a 33% aqueous solution:	7.7 to 8.5 at 25° C	
Reserve Alkalinity	10 ml minimum	D1121-67
Colour	Water/Blue Green	-
Freezing protection	-17° C maximum for 33% aqueous solution This is equivalent to -35° C for a 50% solution	D1177-65
Foaming Characteristics	50 ml maximum (3 seconds maximum break time)	D1881-72
Suspended Matter	Substantially Free	-
Water	5% by weight maximum	D1123-59

Health and Safety information sheets are available for all Castrol products from the address below.

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