

# AGIP COOLANT



AGIP COOLANT is a “long life” coolant, formulated from an Ethylene Glycol base and contains corrosion inhibitors developed from the very latest techniques in materials protection. Its, an Environment friendly coolant free of silicate, boron, amine, phosphate and nitrite for prolonged change intervals.

## CHARACTERISTICS (TYPICAL FIGURES)

### AGIP COOLANT

Colour	-	GREEN
Boiling point	°C	>165
Freezing point (in water)	-	see table
Flash Point,	°C	>120
pH- value,. 33.3% Vol. in water	-	8.0
Density at 20°C	gm/cm3	1.12

(The above values are typical values)

## PROPERTIES AND PERFORMANCE

- AGIP Coolant is one of the most modern radiator protection products on the market.
- It shows a long-term-protection against corrosion for all used materials in the engine and radiator manufacturing, e.g. cast iron, aluminium, copper and solder alloys, as well as good compatibility with tubes, sealing and plastics.
- It contains carefully selected silicate, amine, nitrite, boron and phosphate free inhibitors and is therefore environmental friendly.
- Is hard water compatible, and can be mixed with tap water before filling into the cooling system, thus avoiding scale formation.
- Is not harmful to joints, hoses and plastics, thereby obviating any risk of leaks.
- Does not engender any form of deposits that would change the cooling capabilities either by increasing the heat transfer strength or by blocking the circuits.

## APPLICATIONS

AGIP COOLANT is recommended for cooling of IC engines in CAR, LCVs, HCVs, public work vehicles, Agricultural Tractors and stationary engines. AGIP COOLANT is developed to protect engines of both ferrous and aluminium construction against corrosion and frost damage. Should be diluted in water before use. The proportion of AGIP COOLANT can be adjusted to obtain the desired protection.

Freezing point of the coolant depend on the concentration of the antifreeze in the water:

% Volume	Freezing point
20	-9°C
25	-12°C
30	-18°C
40	-25°C
50	- 38°C

To obtain the best operating conditions it is recommended that the product be used at a concentration of between 40% and 50% in water.

AGIP COOLANT is based on Organic inhibitors and therefore should not be mixed with traditional silicate-containing coolants. Mixing of coolants with different inhibitor packages can lead to loss of corrosion protection.

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## SPECIFICATIONS

AGIP COOLANT meets the requirements of the following coolant standards:

- ASTM D 3306
- ASTM D 4985
- SAE J 1034
- AFNOR NF R 15-601
- ONORM V 5123
- BS 6580:1992

AGIP COOLANT meets the requirements of the following OEM standards:

- |                           |                         |
|---------------------------|-------------------------|
| - BMW                     | BMW N 600 69.0          |
| - DAIMLER                 | DBL 7700.20, page 325.0 |
| - DEUTZ                   | H-LV 0161 0188          |
| - JENBACHER               | TA-Nr. 1000-0201        |
| - LIEBHERR NACHINES BULLE | TLV 035, TLV 23009 A    |
| - MAN                     | MAN 324-NF              |
| - MTU                     | MTL 5048                |
| - OPEL / GM               | B 040 0240              |
| - PORSCHE                 | for 924, 928, 944, 968  |
| - VW/AUDI/SEAT/SKODA      | TL 774-C                |