



Permanent HOA Tech Ready to Use

Product Sheet

Pre-diluted and ready-to-use cooling and antifreeze liquid, based on pure **non-regenerated** ethylene glycol. Proper for cooling circuits of cars, motorcycles and commercial vehicles which require premium fluids of HOAT type (Hybrid Organic Acid Technology). Protects the whole cooling system (radiators, cylinders, cylinder heats and water pumps) from overheating, corrosion and encrustation. Suitable for new generation engines with parts in aluminium alloy and engines of a less recent generation. Free from nitrites, amines and phosphates.

INSTRUCTIONS FOR USE: A ready-to use product, does not need any further water dilution. Permits a freezing point of approximately -37°C and a boiling point of approximately 108°C . Abstain from mixing with fluids of a different technology. See the use manual of the manufacturing company, previously. Replace the fluid every two years or after 60,000 km, if not otherwise suggested by the manufacturer.



Permanent HOA Tech Ready to Use

Product Sheet

PERFORMANCE LEVEL

ASTM D 3306 / ASTM D 4985, SAE J1034, CUNA NC 956 – 16,
B.S. 6580:2010, AFNOR NF R15-601, NATO S 759, VW TL 774-C (SFU G11),
MB 325.0, MAN 324 NF

CHEMICAL-PHYSICAL CHARACTERISTICS

Color	Blue-Green
Look in water solution	Clear, free from suspended particles
Solubility in water	Complete
Density at 20°C	1,060 kg/l
Water	50% Max
Boiling Point	108°C
Freezing Point	-36,4°C
pH	7,5 Min

The values shown in this table are just as an indication, variable within certain tolerances.

STORAGE

If stored and kept in its original containers and hermetically sealed, at a temperature not higher than 30°C, **Permanent HOA Tech** has a life of at least 3 years. Do not store the product in galvanized containers.

Maroil s.r.l. – Bardahl Italia

Località ponte alla Ciliegia – 55011 Marginone – Altopascio (Lucca) – Tel. 0583-28731 / Fax 0583-286542
www.bardahl.it – e-mail: info@bardahl.it – Cable address: MAROIL: CASELLA POSTALE N.32 Altopascio