



PRODUCT DATA SHEET

Havens Coolant Long Life Antifreeze Coolant 50% G13

DESCRIPTION

Havens Coolant Long Life Antifreeze Coolant 50% G13 is a ready to use automotive radiator fluid composed of demineralized water, mono ethylene glycol and **glycerin** and an advanced blend of balanced corrosion inhibitors based on OAT technology. It's designed to protect the cooling systems of water-cooled petrol engines.

PROPERTIES

- Not ready for use. Must be diluted
- Free of nitrites, amines, phosphates, borates, silicates
- Dilution chart:

Havens Coolant	Water	Freeze Protection
33%	67%	-18°C
50%	50%	-36°C

APPLICATIONS

The majority of passenger cars' and light diesel vehicles' radiators can use Havens Coolant G13. Havens Coolant is a mix of mono ethylene glycol and **glycerin** for a liquid cooled crankcase system. It contains anti-corrosion and anti-rust additives based on OAT technology. It is harmless to rubber and does not foam or clog radiators. It must be mixed with water to a concentration of 33% and 50%. NEVER used more than 50%.

PERFORMANCE LEVELS

Meets and exceeds:

VW/Audi/Seat/Porsche, VW G13; VW G12; MB 325.3; MB 325.5; MB 325.6; MAN 324 Type SNF; ASTM D 3306; ASTM D 4656; ASTM D 4985; ASTM D 5345; SAE J814C; SAE J1038; SAE J1941; SAE J1034; Ford WSS M97 B44-D; BMW N600.69.0; Toyota TSK 2601G-8A; G13.

TYPICAL PROPERTIES

PARAMETERS	UNIT	Havens Coolant G13 100%
Density @ 15°C	kg/l	1.13
Boiling point	°C	163
PARAMETERS	UNIT	Havens Coolant G13 50%
pH	-	8.5
Freezing Point	°C	-36
Density @ 15°C	kg/l	1.07
Boiling point	°C	109

The values shown above are typical values at the date of publication. Havens Lubricants reserves the right to change these typical values without prior notice.



HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.havenslubricants.com.

