



# PRODUCT DATA SHEET

## Havens Coolant Universal Antifreeze Concentrate G11 100%

### DESCRIPTION

**Havens Coolant Universal Antifreeze Concentrate G11 100%** is a concentrate automotive radiator fluid composed of demineralized water, ethylene glycol and an advanced blend of balanced corrosion inhibitors. It's designed to protect the cooling systems of water-cooled petrol engines.

### PROPERTIES

- Not ready for use. Must be diluted
- Dilution chart:

| Havens Coolant | Water | Freeze Protection |
|----------------|-------|-------------------|
| 33%            | 67%   | -18°C             |
| 50%            | 50%   | -36°C             |
| 60%            | 40%   | -52°C             |

### APPLICATIONS

The majority of passenger cars' and light diesel vehicles' radiators can use Havens Coolant. Havens Coolant is a full mono ethylene glycol-based coolant for a liquid cooled crankcase system. It contains anti-corrosion and anti-rust additives. It is harmless to rubber and does not foam or clog radiators. It must be mixed with water to a concentration of 33%, 40% & 50%. NEVER used more than 50%.

### PERFORMANCE LEVELS

Meets and exceeds:

ASTM D 3306; ASTM D 4656; ASTM D 4985; ASTM D 5345; SAE J814C; SAE J1038; SAE J1941; SAE J1034; GM 1899M; GM 6043M; GM 1825M; Ford ESE-M97B44-A; Ford ESE-M97B18-C; Chrysler MS-7170; Freightliner 48-22880; Cummins 90T8-4; Waukesha 4-19470; White (GMC Div. Of Volvo); John Deere 8650-5; Case Corp. MS1710; Navistar B1 (B6-008GO); Cummins 3666132; Detroit Diesel 7SE298; Ford New Holland 9-86; John Deere H-5; Mack Truck 014GS17004; ATA RP 302A; G11.

### TYPICAL PROPERTIES

| PARAMETERS                      | TEST METHOD | UNIT | Havens Coolant |
|---------------------------------|-------------|------|----------------|
| Viscosity Grade                 |             |      | 100%           |
| Density @ 15°C                  | ASTM D1122  | kg/l | 1.132          |
| Boiling point                   | ASTM D1120  | °C   | 163            |
| Reserve alkalinity, ml 0.1 N HC | ASTM D1121  | -    | 17             |
| Viscosity Index                 | ASTM D1287  | -    | 7.8            |
| Cold Crank Simulator            | ASTM D1177  | cPs  | ≤ -36          |

*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](http://www.havenslubricants.com).

