



ENEOS Ultra Cool VWR

Borate, Nitrite, Amine & Phosphate free

High Performance Long Life Antifreeze Coolant

ENEOS Ultra Cool VWR is top performance extended life antifreeze coolant, with superior heat transfer capability; suitable for use as a coolant and heat transfer fluid in all combustion engines. Based on ethylene glycol, ENEOS Ultra Cool VWR guarantees protection against boiling and freezing of up to -69°C. Furthermore, the reliance on superior Iobrid Organic Acid Technology (OAT) and Silicate means long life through non-depleting corrosion inhibitor and a maintenance-free protection. ENEOS Ultra Cool VWR is approved for Volkswagen, Audi, Skoda, and Seat.

FEATURES & BENEFITS

- **Long Life**
Provides long-life corrosion protection for all engine metals.
- **Frost & Boiling protection**
Offers winter protection against engine freeze damage. Control of overheating, coolant loss and breakdown at high engine temperatures.
- **Environmentally friendly**
Absence of borate, nitrite, amines and phosphates
- **Miscibility**
Mixes with existing ethylene glycol coolants.

APPLICATION

- Passenger car gasoline, LPG and diesel engines
- Light-duty commercial vehicle gasoline and diesel engines
- Heavy-duty diesel engines fitted with wet or dry liners, in on and off-highway service
- Motorbike, Power equipment & Outboard engines
- Change intervals: First of 5 years or 650,000Km in truck & bus, and 250,000Km in passenger

TYPICAL PROPERTIES

Parameters	Concentrate	Protection Temperature		
		-37 °C	-26 °C	-18 °C
Appearance		RED		
Density @ 20°C	1.132	1.079	1.066	1.052
Vol% conc.	N/A	50	40	33
pH	8.5	8.4	8.3	8.3
Boiling Point	>170°C	~ 109		
Reserve Alkalinity mL ml HCl 0.1N PH 5.5	Typ 5.5 5.7	~ 2.9	~ 2.4	~ 1.9
Flash Point (PMCC)	124°C			

PACK SIZES

1L, 5L, 60L & 200L

PERFORMANCE LEVELS

- Audi: TL-774 J = G13
- Skoda: TL-774 J = G13
- Seat: TL-774 J = G13
- Volkswagen: TL-774 J = G13

TYPICAL MIXING RATIO

This concentrate provides year-round frost & corrosion protection. It is recommended to use at least 33 vol. % of this concentrate in the coolant solution. Concentrations higher than 70 vol. % are not recommended as the maximum frost protection is reached. For optimal performance and controlled quality, we recommend the use of deionized or distilled water to prepare the ready-to-use dilutions.

Vol % in water	33	40	50	60
Freezing Point °C	-18	-26	-37	-53

STORAGE

The product should be stored above -20°C and preferably at ambient temperatures. Periods of exposure to temperatures above 35°C should be minimized. Further, it is strongly advised not to expose the coolant in translucent packages to direct sunlight because this can degrade the colour dyes present in the coolant, and result in fading of the colour or discoloration over time. This reaction can be accelerated if coupled with high ambient Temperatures. It is therefore advisable to store coolant filled in translucent packages indoors to avoid this issue.