

TEC-KOOL®

DEFENSE



TEC-KOOL® Defense Pink Euro II Premix Extended Life Antifreeze/Coolant is recommended for use in Audi®, VW®, Porsche® and other newer model light-duty gasoline or diesel powered vehicles requiring a nitrite, amine and phosphate (NAP) free, OAT engine coolant. It is an ethylene glycol based antifreeze/coolant using Hybrid Organic Acid Technology (HOAT) to provide extended protection against rust, corrosion and pitting caused by cavitation, for all coolant system metals, including aluminum. TEC-KOOL® Defense Pink Euro II Premix Extended Life Antifreeze/Coolant provides up to 150,000 miles or 5 years of service life protection in automotive applications. For best results, do not mix with conventional high pH, phosphate, borate or silicate based antifreeze/coolant.

- Protects up to 5 years or 150,000 miles
- Low-silicate OAT
- For diesel and gasoline engines

Meets or exceeds the following performance requirements and industry specifications:

- ASTM D3306
- JIS K2234
- VW® TL 774-F
- BS 6580

Phosphate-free for use in European vehicles, such as:

- Audi®
- Porsche®
- VW®

	Product Number	UPC Code	Pack
50/50 Premix	10310126250/50	855986008034	6/1 Gallon

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TEC-KOOL® Defense Pink Euro II Premix Extended Life Antifreeze

% Antifreeze	Freezing Point		Boiling Point*	
	°F	°C	°F	°C
50%	-34 max	-37 max	226 min	108 min
*Boiling point shown at atmospheric pressure. Add 40°F for 15psi radiator cap.				

Characteristics	Specification	Company Typical	ASTM Method
Chloride, ppm	25 ppm, max.	<25	D3634
Specific gravity 60/60°F	1.060 - 1.080	1.066	D1122
Boiling Point, 50% V/V	108°C / 226°F min.	108°C / 226°F	D1120
Freezing Point, 50% V/V	-37°C / -34°F max.	-38°C / -37.8° F	D1177
Effect on engine or vehicle finish	No effect	No effect	D1882
Ash content, mass%	2.5 max.	< 2.5	D1119
pH, 50% V/V	7.0 - 11.0	8.3	D1287
Reserve alkalinity, ml	None specified	1.5 max.	D1121
Color	Distinctive	Pink	--
Effect on nonmetals	No adverse effect	Pass	--
Total water, mass %	53 max.	50	D1123
Foam volume, ml	150 ml rise max.	Pass	D1881
Foam break time, second	5 sec. break, max.		

Values are typical for 50/50 Premix Coolant.

NOTE: All laws/regulations should be observed when disposing of Antifreeze/Coolant. Dispose of contents/container, in a safe manner, to appropriate waste disposal facility, in accordance with local/state/national/international regulations.