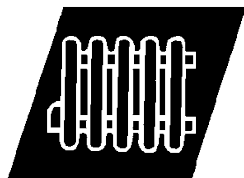


# AEL COOLANT CONCENTRATE



ANTIFREEZE &  
HEAT TRANSFER



Yellow, high-performance, automotive antifreeze and coolant concentrate

## APPLICATIONS

Radiator coolant with  
antifreeze protection

- **AEL COOLANT CONCENTRATE** is a high performance, long-life ethylene glycol based coolant suitable for use in cooling system of American, Asian and European automobiles and light trucks. It may also be used in HD diesel engines but users should continue to add extender or SCA (supplemental coolant additives) based on OEM recommendations.
- **AEL (Automotive Extended Life) COOLANT** is an organic technology (OAT) coolant. It contains organic acids and mineral inhibitors. It is free from nitrites, phosphates, borates, silicates or amines.
- To ensure good corrosion protection, effective heat transfer and year round performance, **AEL COOLANT CONCENTRATE** should be diluted with good quality of demineralized water at concentration of 50%.

## SPECIFICATIONS

international standards

OEM standards

- ASTM D-3306 (automotive), D-4985 (low silicate) and D-6210 (precharged antifreeze)
- General Motors 6277M (Dexcool compatible)

## ADVANTAGES

High technical  
performance

Extended service life

- Superior corrosion protection
- High boiling point and low freezing point
- Color is neutral
- Compatible with all other automotive and light duty truck coolants
- Service life of 150,000 miles or 5 years

### TYPICAL CHARACTERISTICS—AEL COOLANT CONCENTRATE

Color, visual	Yellow	Freeze Point, °F (°C) at 50% dilution	-34 (-36)
Specific Gravity @ 60/60 °F (ASTM D 1298)	1.12	Flash point, °F (°C) (ASTM D 92)	250 (121)
Density, lbs/gal, (ASTM D 1298)	9.3	Reserve alkalinity, ml (ASTM D 1121)	5
Composition, wt %		Foam Resistance (ASTM D-1881)	
Total glycols, wt%, min. (ASTM E 202)	>93.5	Foam Volume, 150 ml max.	35
Total water, wt% max. (ASTM D 1123)	2.0	Foam Break, 5 seconds max.	2.5
Soluble inhibitors, wt%	4.2	Ash, wt% max	<2.0

**TOTAL Lubricants USA, Inc.**

**AEL Coolant Concentrate**  
Sheet updated: 5/1/2013

5 North Stiles Street  
Linden, NJ 07036  
908.862.9300 or 800.323.3198  
[www.totallubricantsusa.com](http://www.totallubricantsusa.com)

TOTAL Lubricants USA with a policy of continuous improvement, reserves the right to change specifications as our technology progresses.  
We are not responsible for the misuse and/or misapplication of our products. MSDS are found at on our web site.