Global Automotive Extended Life Coolant/Antifreeze

Approved for use in all makes and all models of foreign and domestic passenger vehicles and light duty trucks

Compatible With any coolant antifreeze, regardless of color 5 Years | 150,000 miles protection

DefendAL® Global Automotive Extended Life Coolant/Antifreeze is a premium quality, ethylene glycolbased fluid specially formulated with industry-leading additives to provide optimum performance in all makes and all models of cars and light duty trucks. The product can also be used in heavy duty diesel applications.*

Available in: Concentrate

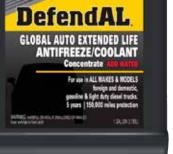
Bulk #10189 Totes #10186 Drums #10190 Cases #10191

50/50 Premix

Bulk #10195 Totes #10193 Drums #10198 Cases #10200

- **DefendAL® Global Automotive** Antifreeze is your cooling system's best defense.
- · Premium quality, extended life coolant.
- Provides up to 5 years or 150,000 miles of protection.
- Ideal for top-off or replacement. User-friendly color does not change the color of the coolant already in the reservoir.
- Free of phosphates, borates, nitrites, silicates, and amines.
- · Protects against corrosion of all cooling system metals, including aluminum.
- · High-quality defoamer system, nonharmful to hoses, plastics or gaskets.
- Compatible with all major American brands of coolant technologies including conventional and Organic Acid Technology (OAT).
- · Formulated for use in all vehicles requiring DEX-COOL®** coolant.
- *Formulation can be used with the addition of SCA (Supplemental Coolant Additives) in heavy duty vehicles. Consult your vehicle's owner's manual for recommendations.
- **DEX-COOL® is a registered trademark of the General Motors Corporation®

Think of our products as **Liquid Assets**."





KOST® USA, Inc. recommends to always properly dispose of spent coolant. Contact your state or local municipality for instructions on proper disposal to protect our environment. If a coolant spill occurs, call local authorities and ask for proper instruction on how to clean up the spill.



Global Automotive Extended Life Coolant/Antifreeze

ASTM D3306 ASTM D4985 Chrysler MS-7170 Daimler DBL 7700.00 Daimler DBL 7700.10 Daimler DBL 7700.20 Daimler DBL 7700.30 **EMD MI 1748F** Ford ESE-M97B18-C Ford ESE-M97B44-A Ford WSS-M97B44-D Ford WSS-M97B51-A1 Ford WSS-M97B55-A GM B 040 1065 - GM 6277M GM 6277M (DEX-COOL®)** GM 1825M GM 6038M GM 1899M John Deere JDM H24B, C John Deere JDS-G135 Kia MS 591-08 Komatsu KES 07 892 Liebherr Mack GS17004 MAN 324 Type N MAN 324 Type SNF MTU 5048 MWM Deutz TR0199-99-1115 Navistar CEMS B-1 Type I Navistar CEMS B-1 Type III Navistar CEMS B-1 Type IIIA Nissan **SAE J1034 SAE J1941** TMC RP 302A TMC RP 302B **TMC RP 303C TMC RP 329** Toyota TSK 26016 VW TL774-D/F

Always consult your vehicle's owner's manual for proper fluid removal and flushing procedures.

*Meets performance requirements but may or may not meet certain chemical requirements

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Wisconsin Motors (Continental)

| | ASTM Method | Concentrate | 50/50 |
|--|-------------|---------------|---------------|
| Glycols Content, mass % | GC | 93.5 | 47 |
| Bittering Agent (yes/no) | | Yes | Yes |
| Water Content, mass % | D1123 | 2 | 50.8 |
| Corrosion Inhibitor System, mass % | | 4.5 | 2.2 |
| Specific Gravity @ 60°F | D1122 | 1.118 | 1.07 |
| Flash Point | D97 | 240°F (116°C) | N/A |
| рН | D1287 | 8.8 | 8.5 |
| RA | D92 | 5 | 2.5 |
| Storage Stability | | 5 years | 5 years |
| Effect on Non-Metals | D1882 | No Effect | No Effect |
| Cavitation Erosion Rating | D2809 | 8 min | 8 min |
| Foam Test, ml/sec | D1881 | <50/3 | <50/3 |
| Fluid Color | Visual | Yellow | Yellow |
| Coolant/Antifreeze % 40/60 Freeze Point | D1177 | -24°F (-12°C) | N/A |
| Coolant/Antifreeze % 50/50 Freeze Point | D1177 | -34°F (-36°C) | -34°F (-36°C) |
| Coolant/Antifreeze % 60/40 Freeze Point | D1177 | -62°F (-52°C) | N/A |
| Coolant/Antifreeze % 40/60 Boil Point | D1177 | 221°F (105°C) | N/A |
| Coolant/Antifreeze % 50/50 Boil Point | D1120 | 226°F (108°C) | 226°F (108°C) |
| Coolant/Antifreeze % 60/40 Boil Point | D1120 | 234°F (112°C) | N/A |
| Ash Content | D1120 | < 5.0 | <2.5 |
| Chloride (mg/L) | D1119 | <25 | <25 |
| Silicon Content (mg/L) | D3634 | <10 | <10 |

All reasonable care has been taken to ensure that the information herein is accurate as of the date of printing. Freedom to use any patent owned by KOST® USA, Inc. or others is not to be inferred from any statement contained herein. The test results listed are typical properties only. Formula and blending changes may result in slight color and appearance changes.













1-800-661-9391 • kostusa.com











Our Deodle are warm. KOST* USA, Inc. is the largest family-owned manufacturer, supplier and marketer of antifreeze and functional fluids in the United States. Founded in 1985, our headquarters and manufacturing facility is strategically located in Cincinnati, Ohio. We build our customers' brands and our own brands through high performance products and superior service, focusing primarily in the Automotive & Heavy Duty retail aftermarket, as well as in the Oil & Gas sector.

It's more than business... it's personal.