

AMERICAN EMERGENCY VEHICLES

January 8, 2013

Ref: International Antifreeze Usage

To whom it may concern,

AEV has recently learned that the use of antifreeze in an International chassis must exactly meet the specifications required by International. Known universal antifreeze types do not fully meet this specification.

Issues that may result in the use of non chassis manufacture approved antifreeze types could include corrosion to aluminum parts that the antifreeze would be in contact with.

This information was sent to AEV by an existing customer who routinely used universal antifreeze and has had issues that International determined were antifreeze related. AEV would encourage you to share this with all current and past International customers.

Sincerely



Randy Barr
AEV Sales Manager

Service Procedures (cont.)

COOLANT LEVEL

Service Interval: Before Engine Operation

Extended Life Coolant (ELC) Premix 50/50 is the standard factory fill for the cooling system. If a customer wishes to use a different coolant, it should minimally meet ASTM D6210, Standard Specification for fully - Formulated Glycol Base Engine Coolant for Heavy Duty Engines. ELC Premix 50/50 is used to replenish coolant loss and ensure that glycol/water concentrations stay in balance.

⚠ WARNING: To prevent personal injury or death, do the following when removing the radiator cap or coolant tank cap:

1. Allow the engine to cool for 15 minutes or more.

2. Place a thick cloth around the radiator cap or coolant tank

Operation

Antifreeze

The cooling system of your new vehicle is filled at the factory with either a Type II Fully-Formulated (purple) or Type III ELC - Extended Life Coolant (red). The type of coolant depends upon the engine manufacturer and the preference of the purchaser if optional coolants are allowed.

The Type II coolant must meet Type II specs, such as the Fleetrite® Premium 50/50 with SCA (P/N ZJJSCA5550). The Type III coolant must meet Type III specs, such as the Shell Rotella ELC - Extended Life Coolant (P/N 94042). Refer to the label on the deaeration tank to determine the coolant type. Consult the Engine Operation and Maintenance Manual for coolant service life details.

