



Product information

SHELL ROTELLA® ELC CORRECTION FLUID



DESIGNED TO MEET CHALLENGES

Shell ROTELLA® ELC (Extended Life Coolant) Correction Fluid provides a boost to the critical corrosion inhibitors in Shell ROTELLA® ELC and Shell ROTELLA® ELC Nitrite Free (ELC NF) Antifreeze/Coolants (AFC). This can be used in place of Shell ROTELLA® ELC Extender with Shell ROTELLA® ELC or with either ELC AFC to correct corrosion inhibitor content to nominal levels if diluted with other AFC or overdiluted with water.

The corrosion inhibitors in Shell ROTELLA® ELC Correction Fluid help protect metal surfaces under the hot conditions of an operating engine and cooling system including erosion corrosion (pitting) of cylinder liners and aluminum surfaces.



DESIGNED FOR PERFORMANCE

Shell ROTELLA® ELC Correction Fluid is designed to provide a more complete AFC portfolio for commercial engines and vehicles while keeping the number of products limited for simplicity. A local Technical Advisor may recommend use for additional services.

KEY BENEFITS

- Extend the service life of Shell ROTELLA® ELC and Shell ROTELLA® NF by restoring depleted corrosion inhibitor levels to satisfactory new levels
- Correct corrosion inhibitor levels in Shell ROTELLA® ELC and Shell ROTELLA® ELC NF in cases where the corrosion inhibitor levels may have been reduced by contamination or dilution with foreign AFC or water

COMPLIMENTS THE FAMILY OF SHELL ROTELLA® ELC AFC

There is always the possibility of accidental contamination of a cooling system with other AFC or if the cooling system becomes low, overdilution with water. Shell ROTELLA® ELC Correction Fluid is designed to help address these circumstances by boosting the available corrosion inhibitor. Addition of a prescribed amount of Shell ROTELLA® ELC Correction Fluid restores the corrosion inhibitor level to normal levels. This can be confirmed with the Acustrip 480507 Test Strips for Shell ROTELLA® ELC AFC which provide a simple method to confirm corrosion inhibitor content. More information on these test strips is available at <http://acustrip.com/cgi-bin/proddesc.cgi?s=480507>. Additional confirmation of AFC quality can be completed with both field and laboratory testing.

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DIRECTIONS FOR USE

How Much to Use: In order to correct deficient Shell ROTELLA® ELC AFC, it is recommended to use the following amount of Shell ROTELLA® ELC Correction Fluid.

Cooling System Capacity	Recommended Amount of Shell ROTELLA® ELC Correction Fluid
0-3 gallons	0.5 litre
3-6 gallons	1.0 litre
6-9 gallons	1.5 litres
9-12 gallons	2.0 litres
12-15 gallons	2.5 litres
15-18 gallons	3.0 litres
Larger	5% of cooling system capacity

DETERMINE THE SIZE OF THE COOLING SYSTEM

1. Using the table above, determine the amount of Shell ROTELLA® ELC Correction Fluid needed for the amount of coolant that needs to be corrected. Drain sufficient amount of AFC from cooling system to allow treatment.
2. Add the appropriate amount of the Shell ROTELLA® ELC Correction Fluid to the circulating portion of the cooling system.

3. After Shell ROTELLA® ELC Correction Fluid is added, run the engine for at least 30 minutes prior to coolant sampling to insure complete mixing. The treated coolant should be tested with a Shell ROTELLA® ELC approved test strip to insure that the Shell ROTELLA® ELC Correction Fluid has been added properly.
4. If a failing condition is observed from the test strip or laboratory analysis, repeat the Steps 2&3 by adding the same amount of Shell ROTELLA® ELC Correction Fluid and retest with the test strip or submitted for laboratory analysis.
5. If the corrected coolant shows failing condition from the test strip or laboratory analysis after two applications of Correction Fluid, the cooling system shall be drained and refilled with Shell ROTELLA® ELC or ROTELLA® NF AFC.
6. Adjust coolant level to fill line with Shell ROTELLA® ELC or ROTELLA® ELC NF AFC if necessary. DO NOT ADD SCAs.

Follow equipment manufacturer's guidelines for freeze point level and cooling system maintenance.

APPLICATIONS

Developed for medium and heavy duty commercial engines in on and off road equipment where Shell ROTELLA® ELC antifreeze/coolants are used. Consult the Shell Technical Help Desk or your Shell Technical Advisor for questions on specific applications in large stationary engines or large earth moving equipment. Suitable for engines powered by diesel, gasoline, LNG, CNG, waste natural gas and biofuels. Available in 1 quart bottles in the United States and Canada with a complete coolant change to Shell ROTELLA® ELC Nitrite Free. Suitable for engines powered by diesel, gasoline, LNG, CNG, waste natural gas and biofuels. Available in concentrate and 50/50 Pre-dilute in gallon bottles, drums and bulk in the United States.

For more information, please contact your Shell Lubricants representative

shell.ca/lubricants

¹ Off Road Engines, Contact your Shell Technical Representative for recommendations.