



Shell Rotella *Fully Formulated AFC w/SCA Concentrate*

SHELL ROTELLA Fully Formulated PRECHARGED WITH SUPPLEMENTAL COOLANT ADDITIVE (SCA) Coolant/Antifreeze Concentrate

Shell ROTELLA® FULLY FORMULATED Coolant/Antifreeze is a conventional, single-phase, ethylene glycol based heavy-duty diesel engine coolant with silicate, nitrite and molybdate. Shell ROTELLA® FULLY FORMULATED already contains the initial dose of supplemental coolant additives (SCAs) and is ready for use in initial fill, flush and fill, and top-up applications. Shell ROTELLA® FULLY FORMULATED is compatible with commercially available SCAs and meets TMC RP 329 and ASTM D6210. Use of a Shell ROTELLA® FULLY FORMULATED precharged with SCA as top-up may help reduce the number of SCA treatments required over the coolants life. Commercially available test strips or a test tool can be used with this product to determine when additional SCAs must be added. Always refer to your vehicle's owners manual for exact coolant requirements.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- Effective, long term corrosion protection for aluminum, brass, cast iron, steel, solder and copper
- Highly stabilized, low silicate formula helps reduce deposits
- Hard water scale inhibitor reduces scale
- Protects against winter freeze up and minimizes the chance of summer boil over
- Superior anti-foam characteristics
- Compatible with other commercially available fully formulated coolants
- Compatible with cooling system SCA/chemical filters
- Can be tested with commercially available test strips or tools
- Does not require an initial dose of supplemental coolant additives
- May reduce the number of supplemental coolant additives required when used as a top-up fluid
- Compatible with other fully formulated coolants like Cat DEAC, Fleetguard Compleat®, FLEET CHARGE®, Prestone® Heavy Duty, POWER-COOL ®

- All product bittered for your safety as well as use where required by state regulations

Main Applications

- Heavy duty gasoline and diesel engine coolant/antifreeze for use in on-road or off-road vehicles.

Specifications, Approvals & Recommendations

- ASTM D3306, D6210 and D4985 for automotive service
- ASTM D6210 for heavy duty diesel service
- TMC RP 302B, RP 329, RP 338, RP 351
- Mack
- Caterpillar
- Ford ESE-M97B44-A
- Cummins
- GM 1825M & 1899M
- John Deere H24B1 and H24C1
- Waukesha 4-1947D
- JI Case JIC501

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties		Method	Shell Rotella Fully Formulated AFC w/SCA Concentrate
Code No.			94068
Appearance			Purple
Specific Gravity	60/60°F	ASTM D1122	1.13
Specific Gravity (as sold)	60/60°F		n/a
Freezing Point 50 vol % q.s. Aqueous solution	°F	ASTM D1177	-34
Freeze Point, as sold			n/a
pH 1:2 dilution with water		ASTM D1287	10.5
pH (as sold)			n/a
Reserve Alkalinity, as received		ASTM D1121	10
Silicate (as Anhydrous Alkali Metasilicate)	%		0.09

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

• Health and Safety

Shell Rotella Fully Formulated AFC w/SCA Concentrate is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from your Shell representative.

• Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

• Advice

Advice on applications not covered here may be obtained from your Shell representative.