



# Coolant Products

COOLANT





# Fleetguard Cooling System Maintenance Products

Estimates project up to **40% of total engine repair costs** are related to problems that originate in the cooling system. Repairs are costly and create unnecessary downtime that affects equipment operations and customer deadlines. Fleetguard cooling system products provide unmatched protection with various maintenance programs to meet your needs and keep your engines running longer with less downtime.

## One Stop Shop

Our comprehensive line of cooling system products includes everything you need to ensure an easy, trouble-free cooling maintenance program:

- Fully Formulated Heavy Duty Antifreeze Coolants
- Extenders and Supplemental Coolant Additives (SCAs)
- Heat Transfer Fluids
- Cooling System Cleaners
- Coolant Filters – Standard and Chemically Charged
- Field and Laboratory Testing

## Easy Maintenance

Fleetguard cooling system maintenance is as simple as 1, 2, 3.

- STEP 1** Fill with the lifetime coolant that meets your needs.
- STEP 2** Maintain additive levels at regular service intervals with liquid additives or chemically charged filters.
- STEP 3** Test with our simple dip and read test strips and maintain as needed.

All Fleetguard coolants are compatible with all other coolants available and are suitable for use in all gasoline, diesel, and natural gas engines.

## Unmatched Protection

In addition to providing superior freeze and boil over protection, Fleetguard products protect your engine from the most damaging cooling system problems, including:

- Aluminium Corrosion
- Liner Pitting/Cavitation
- Scale & Deposits
- Acidity

Fleetguard coolants are manufactured to the highest standards and meet the performance specifications of all major OEMs. You can depend on Fleetguard cooling system products to provide unmatched protection to your engine.

## Aluminium Corrosion

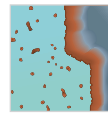
Corrosion is not a question of age, it can start to attack an engine as early as 2,000 hours.

### With Fleetguard Protection:

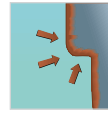


Protective layer created by Fleetguard Fully Formulated Coolant prevents the aluminium from corroding.

### Without Fleetguard Protection:



Corrosion affects all metal parts, especially the aluminium ones.

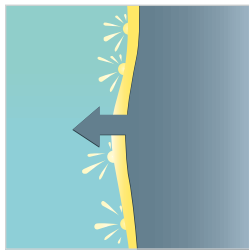


Tiny metal particles begin to circulate in the cooling system, causing damage to mechanical parts.

## Liner Pitting/Cavitation

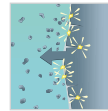
Contradictory movements of the crankshaft causes significant vibration of your engine liners. When the liner vibrates, bubbles collapse under an enormous pressure and take small chunks out of the liner.

### With Fleetguard Protection:



Fleetguard Fully Formulated Coolant can neutralise the fatal effect on your engine by creating a protective layer on the liner wall: implosions now take place on this layer and spare the liner surface.

### Without Fleetguard Protection:



Liner surface deforms during vibration which, in combination with the coolant inertia, creates a vacuum and formation of tiny vapour bubbles.

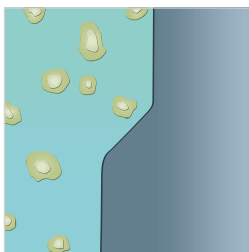


Vibration continues and the liner slams back, causing the bubbles to implode. As this process goes on several thousand times a second, small chunks are kicked out of the liner.

## Scale & Deposits

Scale, a major insulator, causes detrimental effects to the hot spots of your engine (the liners and the cylinder heads). The consequences are worn piston rings, higher oil consumption and, in the worst cases, total engine failure.

### With Fleetguard Protection:



Fleetguard Fully Formulated Coolants contain an intelligent polymer system that 'wraps up' the scale particles so that they can't attach themselves to the liner wall.

### Without Fleetguard Protection:



As the engine functions, the heat causes the formation of scale on the hot surfaces.



The scale shell acts as an insulator, preventing the coolant liquid from absorbing the heat of the engine.

## Acidity

Cooling fluid becomes acidic due to the degradation of antifreeze and sulphates entering the cooling system and in turn, damages engine gaskets and other softer metal components. Fleetguard Fully Formulated Coolant act as buffers in your cooling fluid that neutralizes the formation of acids or alkalis.



# Select Fully Formulated Coolant

## ES Compleat™



### ES Compleat

- Hybrid Lifetime Coolant with 150,000 mi (250,000 km) or 4000 Hours Service Intervals
- Easy Maintenance with ES Extender, Filter or DCA4
- Good Aluminum Corrosion Protection
- ES Extender Extends Coolant Life 150,000 mi (250,000 km) or 4000 Hours
- Meets ASTM 6210, TMC RP329 and Performance Specifications of Most Major OEMs
- Available in Ethylene Glycol and Less Toxic Propylene Glycol Formulations

	EG Concentrate	*EG PreMix	PG Concentrate	*PG PreMix	ES Extender
Bulk		*CC2827		*CC2837	
275 Gal. Tote (1040 L)	CC2823	CC2834	CC2833	CC2838	
275 Gal. Tote (1040 L)				CC2872 60/40	
55 Gal. Drum (208 L)	CC2821	CC2826	CC2831	CC2836	
55 Gal. Drum (208 L)		CC2863 60/40		CC2865 60/40	
5 Gal. Pail (19 L)	CC2847	CC2848	CC2849	CC2850	
6/ 1 Gal. Bottle (3.78 L)	CC2820	CC2825	CC2830	CC2835	
6/ 1 Qt. Bottle (.94 L)					CC2840
12/ 1 Pint Bottle (.47 L)					*CC2843



### ES Compleat OAT

- Organic Lifetime Coolant with 300,000 mi (500,000 km) or 6000 Hours Service Intervals
- Easy Maintenance with OAT Extender or filter
- Good Aluminum Corrosion Protection
- OAT Extender Extends Coolant Life 300,000 mi (500,000 km) or 6000 Hours
- Meets ASTM 6210, TMC RP329 and Performance Specifications of Most Major OEMs
- Available in Ethylene Glycol Formulation

	OAT EG Concentrate	*OAT EG PreMix	OAT Extender
Bulk	*CC2784	*CC2789	
275 Gal. Tote (1040 L)	CC2783	CC2788	
55 Gal. Drum (208 L)	CC2782	CC2787	
1 Gal. Bottle (3.78 L)	CC2780		
6/ 1 Gal. Bottle (3.78 L)		CC2785	
55 Gal. Drum (208 L)		CC2770 60/40	
275 Gal. Tote (1040 L)		CC2790 60/40	
6/ 1 Qt. Bottle (.94 L)			CC2779
12/ 1 Pint Bottle (.47 L)			CC2777

## ES Compleat™



### ES Compleat Glycerin

- Extended Service Interval of 150,000 mi (250,00 km) or 4000 Hours
- Uses Non-toxic Glycerin from Renewable Sources (such as a Biodiesel By-products) – No EG or PG
- Non-hazardous Shipping Classification
- Freeze Protection to -26 °F (-32 °C)
- Best Aluminum Corrosion Protection
- Pre-diluted (50/50), No Mixing Required

ES Compleat Glycerin	
Bulk	CC36004
275 Gal. Tote (1040 L)	CC36003
55 Gal. Drum (208 L)	CC36002
5 Gal. Pail (19 L)	CC36001
1 Gal. Bottle (3.78 L)	CC36000



### ES Compleat HTF

- Fully Formulated Heat Transfer Fluid
- Silicate Free Formulate that Provides Solid Liner Pitting, Scale, and Corrosion Protection
- Meets ASTM D-4985, SAE 1941 and GM 1899 Specifications
- Common Applications Include Refrigeration Systems, Heat Tracing Systems, Gas Compressor Engines, Well and Pipeline Heaters, Etc.

	*HTF EG PreMix	HTF PG Concentrate	*HTF PG PreMix
Bulk	*CC2573 40/60		
55 Gal. Drum (208 L)	CC2568	CC2569	CC2570

## Fleetcool™



### Fleetcool EX

- Hybrid Lifetime Coolant with 150,000 mi (250,000 km) or 4000 Hours Service Intervals
- Easy Maintenance with ES Extender, Filter or DCA4
- Best Aluminum Corrosion Protection
- Meets ASTM 6210, TMC RP329 and Performance Specifications of Most Major OEMs
- Phosphate free to meet requirements of some OEMs
- Borate Buffered Product
- Available in Ethylene Glycol and Less Toxic Propylene Glycol Formulations

	EX EG Concentrate	*EX EG PreMix
Bulk	*CC2739	*CC2743
275 Gal. Tote (1040 L)	CC2740	CC2744
55 Gal. Drum (208 L)	CC2741	CC2745
5 Gal. Pail (19 L)		
6/ 1 Gal. Bottle (3.78 L)	CC2742	CC2746

## Fleetcool™



### Fleetcool

- Standard Lifetime Coolant with 30,000 mi (50,000 km) or 700 Hours Service Interval
- Aluminum Corrosion Protection
- Maintain with DCA 2 or DCA 4 Liquids or Filters
- Meets ASTM 6210, TMC RP329 and Performance Specifications of Most Major OEMs

	EG Concentrate	*EG PreMix
Bulk	*CC8965	*CC8970
275 Gal. Tote (1040 L)	CC8966	CC8971
55 Gal. Drum (208 L)	CC8967	CC8972
5 Gal. Pail (19 L)	CC8968	CC8973
6/ 1 Gal. Bottle (3.78 L)	CC8969	CC8974



### Fleetcool Recycled

- Standard Lifetime Coolant with 30,000 mi (50,000 km) or 700 Hours Service Interval
- Aluminum Corrosion Protection
- Maintain with DCA 2 or DCA 4 Liquids or Filters
- Meets ASTM 6210, TMC RP329 and Performance Specifications of Most Major OEMs
- Recycled Formulation: Ethylene Glycol Purified to Meet ASTM E1177 Specifications for Virgin Glycol and U.S. Military/Government Requirements: CID A-A 52624A

	Recycled EG PreMix
Bulk	*CC2674
55 Gal. Drum (208 L)	CC2675

## HD Coolants



### Heavy Duty Antifreeze/Coolant

- Ethylene Glycol Low Silicate Formula
- Standard Corrosion Protection to Meet ASTM 4985 Specifications
- Add Liquid Supplemental Coolant Additives for Liner Pitting Protection
- Available in Ethylene Glycol and Less Toxic Propylene Glycol Formulations

	Heavy Duty EG Concentrate	*Heavy Duty EG PreMix	Heavy Duty PG Concentrate
Bulk		*CC2558	
55 Gal. Drum (208 L)	CC2556		CC2758
6/ 1 Gal. Bottle (3.78 L)	CC2551		*CC2757

# STEP 2 Maintain Additive Levels

## Coolant Additives

### Liquid Supplemental Coolant Additives (SCAs)



#### DCA2

- Standard Corrosion Protection Using Borate/Nitrite Based Inhibitor Package

#### DCA4

- Superior Liner Pitting, Scale & Corrosion Protection Using Phosphate/Molybdate Based Inhibitor Package

#### DCA-DX

- Superior Corrosion Protection Using Flash Rust Inhibitor Package
- Meets ASTM D5752 and TMC RP328 Specifications

	DCA2™	DCA4™	DCA-DX™
12/ 1 Pint Bottle (.47 L)	DCA30L	DCA60L	
6/ 1/2 Gal. Bottle (1.89 L)	DCA35L	DCA65L	
6/ 1 Gal. Bottle (3.78 L)	DCA40L	DCA70L	CC2684
5 Gal. Pail (19 L)	DCA45L	DCA75L	CC2683
55 Gal. Drum (208 L)	DCA50L	DCA80L	CC2682

## Coolant Filtration

Coolant filtration is proven to reduce wear and to maintain all cooling system components. Additionally, water filters can provide a convenient and reliable method for delivering supplemental coolant additives into the cooling system to improve performance and extend coolant service life.



### Extended Service Water Filters

- Easy Maintenance every 12 months, 150,000 miles (250,000 km), or 4000 hours
- Patented Slow-Release Mechanism Replenishes Chemicals Depleted by Use
- StrataPore™ Multilayer Media Offers Superior Durability, Efficiency and Capacity
- Improved Mechanical Design for Increased Durability and Corrosion Resistance

Part #	Slow Release Coolant Additive	Thread Size
WF2121	15 units DCA 4	11/16-16 UN- 2B
WF2124	15 units DCA 4	3/4-20 UNEF- 2B
WF2128	15 units DCA 4	M16 X 1.5-6H INT
WF2126	8 units DCA 4	M36 X 2-6G INT
WF2131	15 units DCA 2	11/16-16 UN-2B
WF2133	15 units DCA 2	3/4-20 UNEF-2B
WF2138	15 units DCA 2	M16 X 1.5-6H INT

Part #	Extended Service Coolant Additive	Thread Size
WF2122	Non-Chemical	11/16-16 UN- 2B
WF2129	Non-Chemical	M16 X 1.5-6H INT
WF2134	Non-Chemical	3/4-20 UNEF- 2B
WF2123	Non-Chemical	11/16-16 UN- 2B
WF2130	Non-Chemical	M16 X 1.5-6H INT
WF2127	Non-Chemical	M36 X 2-6G INT
WF2137	Non-Chemical	1-16 UN-2B

## Coolant Filtration



### Standard Service Water Filters

- For use at OEM recommended standard service intervals
- Immediate Release SCA for Use with Any Coolant at Standard Service Interval
- High Quality Filtration for Efficient Removal of Harmful Contaminants

Part #	Immediate Release Coolant Additive	Thread Size
WF2093	5 units DCA4	11/16-16 UN- 2B
WF2070	2 units DCA4	11/16-16 UN- 2B
WF2071	4 units DCA4	11/16-16 UN- 2B
WF2072	6 units DCA4	11/16-16 UN- 2B
WF2073	8 units DCA4	11/16-16 UN- 2B
WF2087	9 units DCA4	11/16-16 UN- 2B
WF2151	4 units DCA4	11/16-16 UN- 2B
WF2015	8 units DCA4	3/4-20 UNEF- 2B
WF2074	12 units DCA4	5.43 (137.92)
WF2075	15 units DCA4	11/16-16 UN- 2B
WF2076	23 units DCA4	11/16-16 UN- 2B
WF2083	4 units DCA4	3/4-20 UNF-2B
WF2104	15 units DCA4	11/16-16 UN- 2B
WF2106	4 units DCA4	11/16-16 UN- 2B

Part #	Immediate Release Coolant Additive	Thread Size
WF2108	8 units DCA4	M16 X 1.5-6H INT
WF2022	11 units DCA4	1-16 UN-2B
WF2082	6 units DCA4	1-16 UN-2B
WF2051	4 units DCA2	11/16-16 UN- 2B
WF2088	6 units DCA2	11/16-16 UN- 2B
WF2054	15 units DCA2	11/16-16 UN- 2B
WF2144	12 units DCA2	11/16-16 UN- 2B
WF2096	4 units DCA2	M16 X 1.5-6H INT
WF2145	18 units DCA2	11/16-16 UN- 2B
WF2053	8 units DCA2	11/16-16 UN- 2B
WF2055	23 units DCA2	11/16-16 UN- 2B
WF2091	14 units DCA2	11/16-16 UN- 2B
WF2056	34 units DCA2	11/16-16 UN- 2B



### Non-Chemical Filters

- For Use at OEM Recommended Standard Service Intervals
- High Quality Filtration for Efficient Removal of Harmful Contaminants

Part #	Thread Size
WF2077	11/16-16 UN- 2B
WF2078	3/4-20 UNF-2B
WF2101	11/16-16 UN- 2B
WF2109	M16 X 1.5-6H INT
WF2084	11/16-16 UN- 2B

Part #	Thread Size
WF2107	11/16-16 UN- 2B
WF2122	M36 X 2-6G INT
WF2123	M36 X 2-6G INT
WF2127	M36 X 2-6G INT



### Filter Head Assembly

- Head Assembly for Installation on Engines without Water Filtration Capability
- Assemblies Provide Everything Needed to Achieve Benefits of Coolant Filtration

Part #*	Description	Style	Port Size	Thread Size
204163 S	Water Filter Spin-On Head	Aluminum	3/8" NPT	11/16-16 UN- 2B
215617 S	Dual Water Filter Spin-On Heads	Aluminum	1/2" NPT	11/16-16 UN- 2B
256535 S	Filter Head Mounting Bracket	N/A	N/A	N/A
257715 S	Water Filter Head (204163 S) and Mounting Bracket Assembly	Aluminum Head	3/8" NPT	11/16-16 UN- 2B
3904378 S	Severe Duty Water Filter Head	Aluminum / Steel Insert	3/8" NPT	11/16-16 UN- 2B

\* Severe Duty Filter Head is recommended for most applications.



# Test and Maintain Coolant Regularly

## Coolant Testing

Every good cooling system maintenance program should include regular coolant testing to determine if the proper level of protection is present or if contaminants exist. A good coolant testing program eliminates guesswork and allows the cooling system to maintain peak performance.



### 3-Way™ SCA/Freeze Point Strips

- Measures Protection against Liner Pitting, Corrosion and Coolant Dilution
- Easy to Use Test Strips Measure Freeze Point and Molybdate/Nitrite
- Results in 45 – 75 Seconds

50/Bottle	25 4-Packs/Box	100 Singles/Box	50/Bottle (Metric)	25 4-Packs (Metric)
CC2602	CC2602A	CC2602B	CC2602M	CC2602AM



### QuikChek™ Coolant Quality Strips

- Easy to Use Test Strips Measure Levels of pH, Sulfate and Chloride for Overall Coolant Quality
- Minimizes Unnecessary Draining of Coolant still within Specifications

10/Bottle	CC2718
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### 2-Way™ Glycerin Coolant Test Kit

- Easy to Use Test Strips Measure Nitrite and Molybdate levels
- Designed specifically for use with ES Compleat Glycerin

50/Bottle	CC36050
100 Singles/Box	CC36050B



### Water-Chek™ 3-Way Strips

- Determines if Coolant Make-Up Water Meets OEM, TMC and ASTM specifications
- Easy to Use Test Strips Measure pH, Chloride and Hardness

100 Singles/Box	CC2609
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### Refractometer

- Determines the Freeze Point Protection for Coolants
- More Accurate than Test Strips or Float-Type Hydrometers
- Durable Storage Case Included

Ethylene Glycol or Propylene Glycol	CC2806
Glycerin	CC36049

## Coolant Testing

### Monitor-C™ Laboratory Testing - Coolant Analysis



- Expert Laboratory Analysis with On-line Reporting, Results in 24 Hours
- Measures Molybdate, Nitrite, pH, Hardness, Chloride, Sulfates, Corrosion Products (iron, lead, etc), and Silicates
- Tests for Freeze/Antifreeze Points, TDS and Buffers
- Available in Both Standard Packaging and with a Prepaid Mailer

#### Standard Kit

CC2700

#### Standard Kit with Prepaid Mailer

CC2706

## Cooling System Cleaners

Cummins Filtration offers two types of cleaners to keep your cooling system in top condition. Both Restore™ and Restore Plus™ remove contaminants without harming metal surfaces, gaskets, hoses or plastic parts. They are also approved by Cummins® as the preferred product for cleaning oil contaminated cooling systems under warranty maintenance.

### Restore™



- Alkaline-Based Cleaner
- Most Effective Cooling System Oil/Fuel Contamination-Cleaning Agent on Market
- 10 Times More Effective than Automotive Distributor Detergent Powders
- Safe for Use in Aluminum Radiators and Heaters
- Removes Silicate Gel
- Approved by Cummins

#### Restore

1 Gal. Bottle (3.78 L)

CC2610

55 Gal. Drum (208 L)

CC2612

### Restore Plus™



- Safely Removes Rust, Corrosion, Scale, and Solder Bloom – Without Disassembling your Cooling System
- Mild Acid-Based Chelating Cleaner

#### Flash Rust Inhibitor

1 Gal. Bottle (3.78 L)

CC2638

55 Gal. Drum (208 L)

CC2637

## Disposable Totes



### SpaceKraft® Disposable Tote

- Disposable – NO return
- Holds 275 Gal. (1040 liters) (5 drums)
- Stacks up to 4 high
- Corrugated 8-ply construction – Over 25 Tons of Compression Strength
- Easy side dispensing ball valve



### Cutting and Dispensing



SpaceKraft Totes can be emptied by gravity or pumping. Follow the instructions below to cut the bladder and attach the ball valve in Kit Part #3918034S.

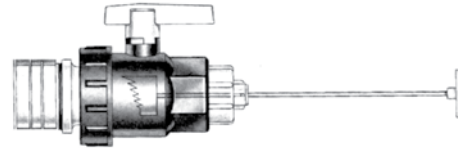
In addition to the ball valve, the kit includes a 2 in Male Nipple, Elbow and Cutter Tool. When gravity draining, attach the ball valve and elbow and place tote on rack of pallets at least 25 in above ground level. When dispensing by pump, a quick disconnect coupling is recommended.

SpaceKraft Totes conform to 46 CFR, Part 64, and meet UN#3082 for shipping ethylene glycol, propylene glycol, or Urea liquids. EG, PG or Urea products are not considered hazardous by OSHA definition and are not considered hazardous from a shipping standpoint if containers hold less than 500 gallons of product.

SpaceKraft has agreed to provide customer sales support and distributor training on tote handling and dispensing. In addition, SpaceKraft will provide tote and dispensing videos upon request. For field support or to report leaks, call SpaceKraft Customer Service at 1-877-868-2748.

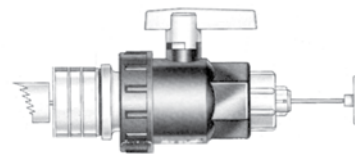
### Using the cutting tool for side dispensing

1. Attach the 2 in male nipple to the tote side buttress. (Supplied in the Valve Cutter Kit)
2. Attach the SpaceKraft cutting tool directly to the valve.



Insert cutting tool through nipple and valve.

3. With the valve in the open position, push the handle of the cutting tool to extend the plunger through the valve opening into the bag.
4. When the bag has been punctured, withdraw the plunger by pulling back on the handle of the cutting tool.



Puncture bag and pull back on handle to withdraw.

5. Close the ball valve and remove the cutting tool.
6. To facilitate drainage, block (raise) the side of the pallet opposite the valve with a 4 in x 4 in.
7. For gravity dispensing, attach an elbow to the valve, open the valve and drain. For pump dispensing, use hose with quick disconnect fittings, connect to the valve, open the valve and begin pumping.

# Coolant Product Glossary

**Antifreeze:** A mixture of glycol or glycerin base plus an additive package. The base provides freeze and boil over protection, while the additive package prevents corrosion, liner pitting, and the formation of scale and deposits.

**ASTM:** American Society for Testing of Materials ([www.astm.org](http://www.astm.org)), the most important standards-setting organization in the world, publishes specifications most commonly cited, ASTM D-3306 for cars and ASTM D-6210 for trucks, and ASTM D-4985 for old trucks.

**Conventional Coolant:** A coolant whose additive package is made up entirely of conventional additives such as borate, molybdate, nitrite, nitrate, phosphate, and silicate.

**Coolant:** The fluid in the cooling system. Typically it will be composed of 50% antifreeze concentrate and 50% water.

OAT Coolant: Organic Acid Technology Coolant. Composed primarily of organic acids with very limited or no use of conventional additives.

**Coolant Bases:** Chemicals used in antifreeze to lower freeze point and increase boil point. The most common coolant bases include ethylene glycol (EG), diethylene glycol (DEG), propylene glycol (PG), and glycerin.

**Coolant Types:** Coolants are divided into three types depending on the chemicals used in the additive package. The three coolant types are: conventional, organic acid or OAT, plus hybrid.

**Fully Formulated Coolant:** Another term for a heavy duty antifreeze/coolant. Unlike light duty coolant, a fully formulated coolant contains additives to prevent liner pitting and scale/ deposit formation.

**Molybdate:** A conventional coolant additive used in premium, long life coolants. Molybdate when used with nitrite provides optimum liner pitting protection as well as increases a coolant's ability to protect aluminum.

**Nitrite:** A conventional additive found in many heavy duty SCAs and antifreezes. Nitrite provides excellent liner pitting as well as steel and cast iron corrosion protection.

**Organic Acid:** Type of coolant additive that has become much more popular in the past 10 years. Organic acids are also referred to by the term carboxylate. There are several organic acids commonly used in coolants such as benzoic, sebacic, adipic, etc.

**Phosphate:** A conventional coolant additive used to provide buffering capacity plus aluminum corrosion protection. Detroit Diesel along with some European OEMs do not recommend coolants that contain phosphate.

**Precharged:** A term used to describe the addition of SCA to a light duty coolant to make it acceptable for heavy duty service. This practice is now seldom used with the wide availability of fully formulated heavy duty coolant.

**Premix Coolant:** Coolant where the antifreeze concentrated is already cut with water and delivered to the customer ready to use. Water content of premix coolant generally runs in the 40% to 60% range depending on climate and altitude.

**Reserve Alkalinity:** The measure of a coolants ability to resistant pH change caused by exhaust gas leakage into the cooling system plus the thermal breakdown of glycols.

**SCA:** Supplemental Coolant Additive. The products are available in liquid form or a solid contained within a coolant filter. SCAs are a mixture of chemicals that provide corrosion, liner pitting, and scale/ deposit control similar to the additive package in an antifreeze. They can be used to replenish the additives in an antifreeze coolant or used alone in water only coolant.

**Total Hardness:** The amount of both calcium (as CaCO<sub>3</sub>) and magnesium (as MgCO<sub>3</sub>) in a make-up water which indicates the potential to form scale and deposits in the cooling system. EMA, ASTM, and TMC limit make-up water total hardness to 170 ppm.



## Fleetguard® Fuel Additives

We also provide a wide range of fuel additives that are designed to provide REAL solutions to the challenges of today's modern fuels and fuel systems. Our broad product line provides solutions for cold weather operations, fuel system performance improvement, as well as emissions control support. To learn more about our fuel additives, see our Fuel Additives Brochure LT36049 available on [cumminsfiltration.com](http://cumminsfiltration.com).



**Have a technical question about a Cummins Filtration product? From filtration to coolant products, we can answer your most pressing maintenance questions.**

For more detailed technical information about all products featured in this brochure, please refer to the **Fleetguard Technical Information Catalog, LT32599**. Some part numbers may not be available in all countries. Contact your local customer assistance center for product availability.



For more information, visit  
[cumminsfiltration.com](http://cumminsfiltration.com)

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