

# LUBER FINER<sup>®</sup>

**BUILT TO DO MORE<sup>™</sup>**

## Heavy-Duty Cooling System Filters



Off-Road



Agriculture



Construction



Fleet



Marine

Light Truck, Automotive, Medium, Heavy-Duty,  
Extended Life and High-Efficiency Filters



# Heavy-Duty Co

## The Driving Force in Heavy-Duty Filtration

Luber-finer, a division of Champion Laboratories, Inc. is a global manufacturer of heavy-duty filtration products. Luber-finer provides premium filtration solutions for fleets operating vehicles on-highway as well as off-road applications such as heavy construction, mining, agriculture, the oil and gas industry and marine.

Luber-finer combines groundbreaking research and development with award-winning lean manufacturing, marketing and customer support for all your filtration needs. Luber-finer has been a trusted name in filters since 1936, providing high-efficiency performance in the most demanding work environments. From heavy-duty trucks and buses, off-highway vehicles and light commercial vehicles, Luber-finer's entire product line of filters is designed to keep your vehicles and equipment running cleaner, longer.

Whatever filter you choose from our range of oil, air, fuel, hydraulic or coolant filters you can always count on Luber-finer for high quality and performance. The products are manufactured on the same manufacturing processes as our OE filters and therefore are guaranteed to meet OE performance.

***Luber-finer, Built To Do More!***



## Built To Do More.

### You Need These.

Improper coolant flow is the reason for nearly half of all early engine failures. So there's no question about it: Reliable coolant products are necessary for preventing dirt, rust, scale and other contaminants from creating "hot spots" and thus damaging your engine. Luber-finer coolant filters and products provide quick and easy maintenance that help to reduce downtime, costs and ultimately helps prolong the life of your equipment.

### Field Tests Prove It.

Years of research has made available a specialized group of Luber-finer epoxy-coated coolant filters, supplemental coolant additives, and testing products with a precise purpose. Field tests prove that Luber-finer coolant filters and products are compatible with all applications and provide the best protection available for all service levels.

### "Conventional" – SCA Coolant Filters

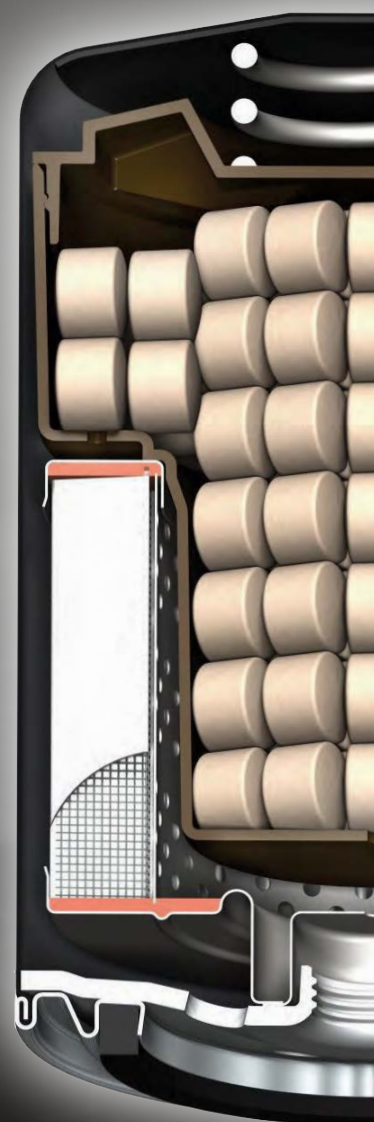
Luber-finer Conventional SCA Coolant Filters were developed to maintain and protect cooling systems during recommended service intervals of 1 year, 20,000 miles, or 1,000 hours. Designed for use with conventional coolant, standard coolant filters are pre-charged with SCA (Supplemental Coolant Additive) to protect your engine against harmful corrosion.

### "Controlled Release" 6500 Series - SCA Coolant Filters with "CRT™"

Luber-finer Controlled Release Technology SCA Coolant Filters were developed to maintain and protect cooling systems up to 1 year, 150,000 miles or 4,000 hours. Designed for use with conventional coolant, Controlled Release SCA coolant filters have a specially formulated synthetic filter media. In addition, they are pre-charged with "CRT"™ (Controlled Release Technology) SCA to protect your engine against harmful corrosion, cavitation, and scale when longer service intervals are more beneficial.

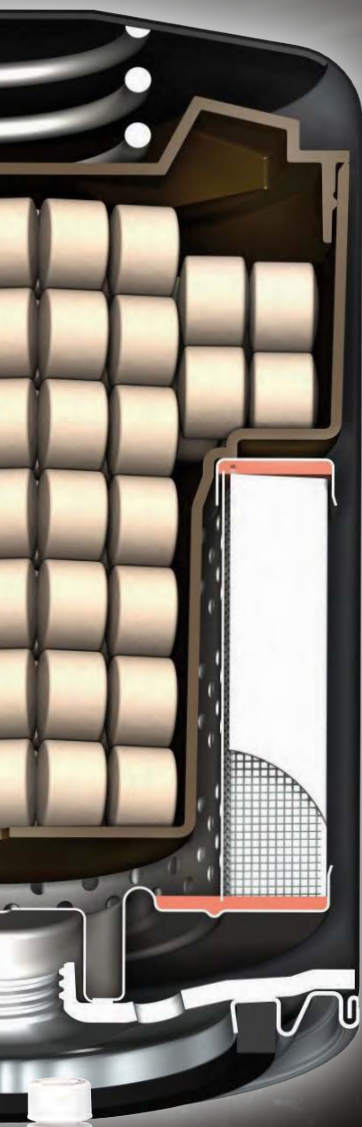
### "Extended Life" XL Series – Non-SCA Coolant Filters

Luber-finer Extended Life Non-SCA Coolant Filters are constructed for use with "ELC" (extended life coolant) products and also may be used with conventional coolant when longer service intervals are desired. Luber-finer Extended Life coolant filters contain no SCA but are constructed with specially formulated synthetic media. When using Luber-finer Extended Life Non-SCA coolant filters with conventional coolant; first test and





# Cooling System Filters



then treat with Lubercool II SCA to protect your engine from harmful corrosion, cavitation, and scale. When using with today's ELC coolant, be sure to service your cooling system according to the coolant manufacturer's recommendations for testing and treatment. It is recommended that you change Luber-finer Extended Service – Non-SCA coolant filters every year, 150,000 miles or 4,000 hours.

## Luber-finer Heavy-Duty Cooling System Filters Feature:

- **Durable Epoxy-Coated Shell**  
Resists rust and corrosion during extended service.
- **Protective Holding Chamber**  
Keeps CRT™ (Controlled Release Technology) coolant additives separate from filter media to prevent degradation and provide even release.
- **Patented CRT™ (Controlled Release Technology)**  
Releases controlled levels of supplemental coolant additive to protect against rust, scale and other build-up.
- **High-Efficiency Synthetic Media**  
Designed for extended service levels capable of handling high heat and coolant flow longer. Reinforced media construction has higher capacity and filtering efficiency for better engine protection.
- **All-Steel Baseplate**  
Provides durability and strength for stability over extended service levels.
- **Double Rolled Seam**  
Ensures a tight fit to prevent leakage.



## Luber-finer Fact–

**Avoid substituting an incorrect model or part number!**

Models may look identical but differ by a fraction of an inch – a difference that makes a positive firm seal impossible. Search and compare any part number on [www.luberfiner.com](http://www.luberfiner.com), call our hotline or search on-the-go with our exclusive smart phone apps.

**Luber-finer is Built To Do More.**

## Top Cooling Filter System Maintenance Tips/Facts

### 1. Know Your Coolant Type:

Luber-finer provides coolant filters, supplemental coolant additive (SCA), and coolant test strips for conventional coolant. In addition, we provide Non-SCA filters for long-life coolant.

### 2. Perform Visual Inspection of Coolant and System:

Perform a visual examination of the coolant to ensure that it is the proper color and free from debris, rust and lubricating oil. Drain, flush and refill if visual inspection indicates any contamination. In addition, check to make sure the radiator air intake is free of debris and obstructed air flow. Examine hoses for pliability and ensure that they are a safe distance from hot engine components. Check hose clamps for coolant leakage and proper tension. Also inspect for indications of a faulty radiator cap, which can lead to coolant breakdown and boil over.

### 3. Perform Testing of Coolant:

When maintaining systems filled with conventional coolant, it is vital to check for proper SCA level, pH and freeze point protection. This can be accomplished with the use of all-in-one Luber-finer Coolant Test Strips. Be sure to test engine coolant at each scheduled service interval (20,000 miles) to maintain proper cooling system protection.

### 4. Treat Coolant with Proper SCA Products:

Once coolant has been visually inspected then tested with Luber-finer test strips, proper treatment is required. SCA contains inhibitors designed to prevent generalized corrosion, nitrite for protection against cavitation erosion, scale inhibitors that keep hard water scale from depositing on engine surfaces, and buffering agents to reduce the acidity of the coolant. Luber-finer gives you a sensible, economical way to maintain your cooling system with the proper SCA treatment.

### 5. Develop and Maintain a Luber-finer Cooling System Maintenance Program:

The development of a viable scheduled maintenance program and the use of quality coolant products are vital to protecting your investment.

## Luber-finer In-Field Coolant Analysis Test Kits and Strips

Affordable, effective and universal, Luber-finer test kits and strips help maintain the proper levels of supplemental coolant additives for all applications. One-step test kits with color-coded charts, instructions and easy-to-read strips take the work and worry out of all cooling system analysis.

### LCTK10 Tests:

- Nitrite Level
- Freeze Point
- pH Level
- Reserve Alkalinity



### LCTS11 Tests:

- Nitrite Level
- Freeze Point
- pH Level



### LCTK12 Tests:

- Nitrite Level
- Freeze Point
- pH Level



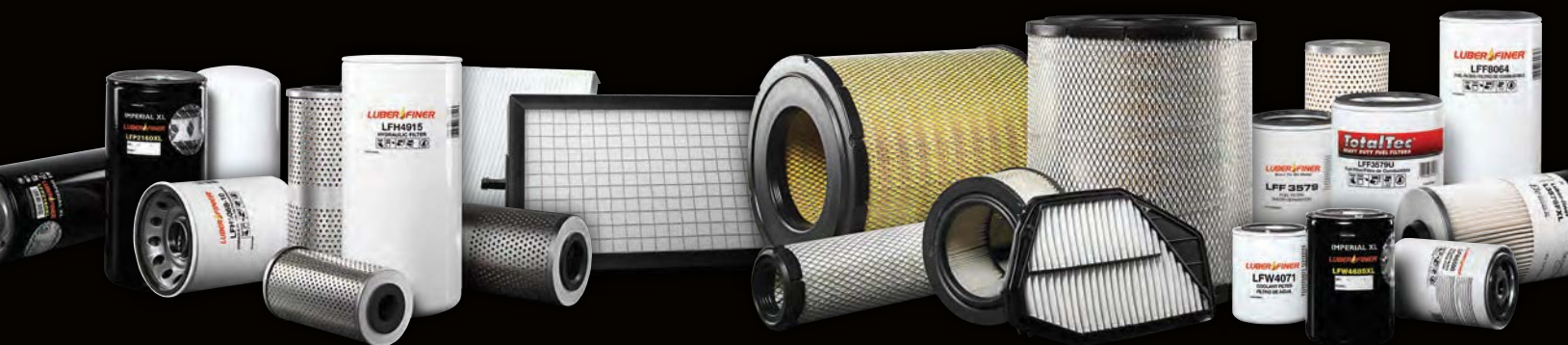
## Use LUBERCOOL II Treatment Supplemental Coolant Additive (SCA)

Luber-finer's LUBERCOOL II Supplemental Coolant Additive protects coolant systems from corrosion, build-up of harmful deposits, and controls the pH balance with dependable chemical conditioning.



### Buy LUBERCOOL II

Pint	(920021)
1/2 Gallon Bottle	(920064)
5 Gallon Pail	(920005)
55 Gallon Drum	(920055)



Luber-finer offers a complete line of products to maintain and protect your equipment investment.

## Find Your Filter With Luber-Finder

Get quick access to Luber-finer filters and cross-reference information on competitive and Original Equipment Manufacturers' products with Luber-finder.

Load the Luber-finder CD-ROM in your Windows-based computer and search the latest information. There's an application section for automotive, light truck, heavy-duty truck and off-highway equipment.

For more information, or to get your quarterly updates of the Luber-finder CD-ROM, contact the Luber-finer sales department at 1-800-851-3641. You can also access Luber-finder basic at [www.luberfiner.com](http://www.luberfiner.com) on the Internet.

## WARRANTY

Luber-finer filters are guaranteed to be free from defects in material and workmanship. In the event of an engine or equipment failure directly caused by a proven defective Luber-finer filter, which was properly installed and changed following the engine or equipment manufacturer's recommended service intervals, Luber-finer will restore the engine or equipment to a condition equivalent to that existing just before the failure. Claims for engine or equipment repairs provided under this warranty must be submitted within 30 days after discovery of damage. Luber-finer Technical Services Department reserves the right to examine the engine or equipment and filter to determine the amount of damage and whether it was caused by a defective Luber-finer filter. This warranty gives you specific legal rights. You may have other rights which vary from state to state. Engine and equipment manufacturer's warranties remain in effect when Luber-finer filters are used.

**Valley Filters**  
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A Proud Distributor of Luber-finer Products.

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