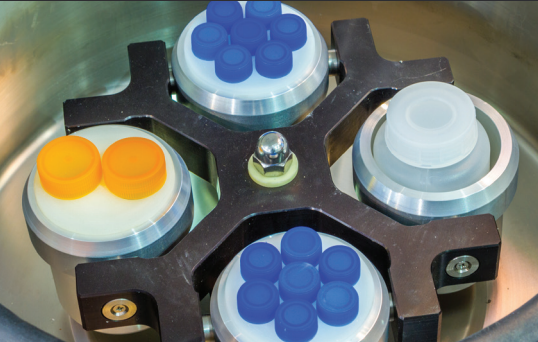


# LUBER FINER<sup>®</sup>

BUILT TO DO MORE<sup>®</sup>



**Luber Finer<sup>®</sup>** Nitrite, Freeze Point and pH Tests

**Coolant Test Strips**

**TEST PROCEDURE.** Dip one test strip into coolant sample that is below 110°F for 2 seconds, remove, and shake. Hold strip level. After 25 seconds, match color for Freeze Point (middle pad), then for pH (pad nearest handle). After 1 minute, match Nitrite (end pad) color.

PPM Nitrite (FOR MACK)	Freeze Point (middle pad)	pH (pad nearest handle)
0 (Precharge)	32° (0°)	above 7.5
200 (0.250 gal)	4° (-15°)	below 7.5
500 (0.625 gal)		
800 (1.000 gal)		

add a charge at this level if the fluid is an extended period.

Nitrite-Freeze Point-pH  
LUBER FINER CORPORATION  
200 HANCOCK AVENUE  
CARY, NC 27513  
© 2017  
One Coolant Test Strip



## LABORATORY FLUID ANALYSIS & MAINTENANCE PROGRAMS

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

# LABORATORY FLUID ANALYSIS & MAINTENANCE PROGRAMS



## THE DRIVING FORCE IN HEAVY-DUTY FILTRATION

Luber-finer is a global manufacturer of heavy-duty filtration products. Luber-finer provides premium filtration solutions for fleets operating vehicles on-highway as well as for 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 reliable 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 and 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 to keep your business running efficiently. The products are manufactured using the same processes as OE filters.

## RELIABLE HEAVY-DUTY FILTRATION EXPERTISE—KEEPS YOUR EQUIPMENT RUNNING CLEANER... LONGER

Your fleet represents a large investment and sometimes the difference between profit and loss depends on keeping operating costs low and running efficiently.

With so many indicators, gauges, testing and analysis, things can get overwhelming.

### Benefits of an Oil Analysis Program

- Reduced equipment downtime
- Increased production
- Maximize equipment life
- Decreased maintenance time and cost
- Lessen the risk of catastrophic engine and component failure
- Drive bottom line profits



## LUBER-FINER HAS YOU COVERED!

Luber-finer, the most trusted name in filtration products, also provides simple-to-use, cost effective ways to manage your preventive and scheduled maintenance programs. Our testing, analysis, treatments and products help you lower your cost per mile, per hour for maximum

return on your investment. Use oil analysis data to monitor the wear particles and the viscosity changes, along with soot levels. Monitor all three areas to be effective, to test extended drain intervals and decide which interval is best.

Luber-finer provides easy online access to results. Now you can view lubricant analysis reports, test results, trending graphs as well as recommendations online, all within a 24 to 48-hour turn-around time.

## IT'S SMART, EFFECTIVE, MAINTENANCE MANAGEMENT MADE EASY.

Ask your Luber-finer representative for more information on how to get started today.



### HOW THE PROGRAM WORKS

- 1 Program Initialization**  
Purchase kits and sample accessories. Establish an equipment database and initial sample scheduling and then add or update equipment as required.
- 2 Take/Submit Samples**  
Take samples from scheduled service equipment, provide postage and submit them to the laboratory for analysis.
- 3 Review Reports**  
Review samples in your active list and decide upon corrective actions from abnormal and severe sample reports.
- 4 Take/Confirm Corrective Actions**  
Confirm that maintenance actions were carried out and determine if corrective actions were sufficient to correct initial problem. Schedule resamples on problem equipment, define and carry out any necessary maintenance actions.
- 5 Periodic Program Review**  
Perform monthly and yearly program reviews to validate effectiveness of the oil analysis program.

## SIX SIMPLE STEPS TO OIL ANALYSIS SAMPLING

1 Bring the equipment to operating temperature

2 Obtain a sample from oil reservoir

3 Complete the Sample Information Form included with the kit

4 Ship the sample to the laboratory

5 The laboratory will perform a battery of analysis on the sample based on the component type

6 Upon analysis completion, the laboratory will provide a written report indicating the component condition submitted, analyzed and returned



## YOUR MOST COMPLETE SERVICE AND SCHEDULED MAINTENANCE PARTNER

- On-Site Testing – Test Strip Analysis
- Laboratory Analysis Testing – Independent Lab Reports
- Treatments – Supplemental Coolant Additives (SCAs)
- Complete Family of Products – Filters, Testing, Service

### LOS K-1

Each oil analysis kit provides test results for the following:

- Twenty-one elements measured in parts per million
- Viscosity reported in centistokes
- Water by % volume
- Infra-red analysis, test for fuel soot
- Coolant/Glycol, positive or negative results
- Fuel dilution

### LOS K-3

Contents and test results same as LOS K-1 plus the following additional results:

- TBN (Total Base Number) for diesel engines
- TAN (Total Acid Number) for all other components

## LABORATORY OIL ANALYSIS

### LUBER-FINER OIL ANALYSIS TESTS FOR THE FOLLOWING WEAR METALS:

Aluminum  
Barium  
Boron  
Calcium  
Chromium  
Copper

Iron  
Lead  
Magnesium  
Molybdenum  
Nickel  
Phosphorous

Potassium  
Silicon  
Silver  
Sodium  
Sulfur  
Tin

Titanium  
Vanadium  
Zinc

## COOLANT ANALYSIS

### LCTK10

- 2 bottles
- 50 test strips to check nitrite level, freeze point, pH
- Diesel applications

- 2 bottles
- 70 test strips each to check freeze point, reserve alkalinity pH
- Automotive applications
- Syringe and tubing to extract fluid sample
- Vial for holding fluid to be tested

### LCTS11

- Bottle of 50 test strips to check nitrite, freeze point, pH
- Diesel applications

### LCTK12

- 2 counter displays of 25 individual kits
- 5 test strips to check nitrite, freeze point, pH
- Diesel applications

**LUBER-FINER OFFERS A COMPLETE LINE OF PRODUCTS TO MAINTAIN AND PROTECT YOUR EQUIPMENT INVESTMENT, BACKED BY RELIABLE SERVICE**

A Proud Distributor of Luber-finer® Products.

**LUBER-FINER®**  
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