

Tech Tips - Coolant Filters

PROTECTING YOUR COOLING SYSTEM

The cooling system removes heat that the engine creates when running. Coolant filters are used to protect the system by removing hard particles or debris. Coolant filters can also help deliver additional chemical additives to help protect metals and hoses against corrosion.

TYPES OF COOLANT & COOLANT FILTERS

Extended Life Coolant (ELC) -

Requires a Coolant Filter with No Chemical Additive

Coolant filters with no chemical additives are designed to work with systems using Extended Life Coolant which already contain additives.

Extended Life Coolants need to be supplemented much less often. Only ELC replacement additives must be used. Suppliers of ELC coolants have special test strips for analyzing the need for this recharge.

Standard Life Coolant -

Requires one of the following:

- Coolant Filter with Chemical Additive
- Coolant Filter with Chemical Additive + a Liquid Additive
- Coolant Filter with No Chemical Additive
- Coolant Filter with No Chemical Additive + a Liquid Additive

Coolant filters with Supplemental Coolant Additives (SCAs) are designed to work with systems using standard ethylene glycol or propylene glycol coolant and should be charged at regular service intervals.

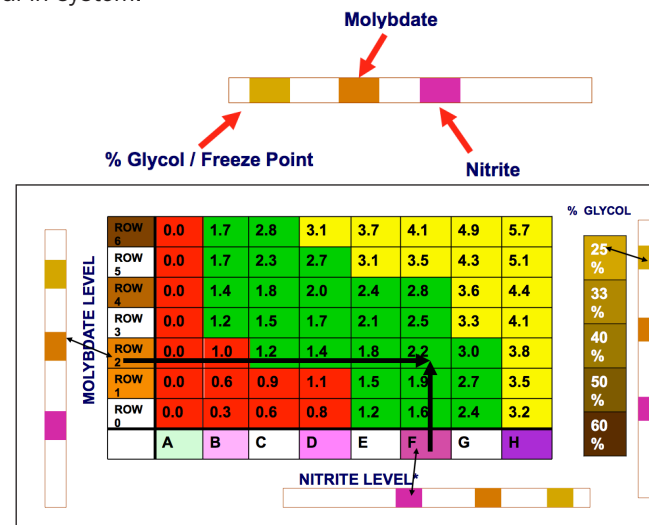
When to add these chemicals and how much is determined by using test strips at the time of oil changes or other services being done to the equipment.

Carquest provides single source coverage for on-highway and off-highway fleets. Carquest filters are designed and manufactured by Baldwin Filters®, America's leading heavy duty filter company for over 80 years.

UNDERSTANDING TEST STRIP RESULTS

It is important to maintain the correct balance of SCAs for optimum protection.

1. Remove small amount of coolant to be tested.
2. Dip one strip into coolant for 15 seconds.
3. Remove and gently shake off excess coolant from strip.
4. Strip pads will change colors in 30 seconds.
5. Match colors on strip to color chart for proper readings.
6. If color match lands in RED area – more additive is needed.
7. If color match lands in GREEN area – proper level has been attained. No additional additive is needed.
8. If color match lands in YELLOW area – do not add chemicals, too much chemical in system.



89107 - Coolant Test Strip

For more information, contact your Commercial Account Manager.
For customer assistance and technical support call 1-877-280-5965.
Order online at www.AdvanceCommercial.com

