

Fleetguard®



The Intelligent Coolant Protection ES Water Filters

“Two in one” combined chemical & mechanical filtration system

- Applies to all systems filled with ES Compleat
- Durable and corrosion resistant
- Improved efficiency and capacity
- Patented slow-release mechanism
- Designed for extended service intervals



A significant study on 11,000 trucks proves that engines with water filters have two thirds fewer failures than those without a water filter. For a wide range of applications equipped with a water filter, Fleetguard offers an extensive range of ES Coolant filters.

Its robust mechanical design with synthetic multi-layer StrataPore filtration medium ensures increased durability and corrosion resistance. ES Coolant filters are also available with chemical additives.



These ‘intelligent’ water filters contain Cummins Filtration patented slow release chemicals and are suitable for cooling systems up to 80 litre capacity. For larger cooling systems it is recommended to use (if fitted) a non-chemical coolant filter plus ES Extender liquid to maintain optimal cooling system protection.

On cooling systems filled and topped up with ES Compleat Lifetime Coolant extended service intervals up to 250,000 Kms (150,00 miles), 4,000 running hours or one year can be achieved.

ES Water Filters are durable and corrosion resistant and designed for extended service intervals



ES Water Filters

Intelligent Coolant Protection

Part-No.	Application	Description	Thread
WF 2121	*	slow release chemicals	11/16"- 16UN
WF 2122	*	non-chemical	11/16"- 16UN
WF 2123	*	non-chemical severe duty	11/16"- 16UN
WF 2124	Mack	slow release chemicals	3/4" - 20UN
WF 2134	Mack	non-chemical	3/4" - 20UN
WF 2135	Mack	slow release chemicals	1"-16 UN
WF 2137	Mack	non-chemical	1" - 16UN
WF 2125	Cummins 1SX	slow release chemicals	M36 x2-6G
WF 2127	Cummins 1SX	non chemical	M36 x2-6G
WF 2128	Volvo	slow release chemicals	M16 x 1.5
WF 2129	Volvo	non-chemical	M16 x 1.5
WF 2130	Volvo	non-chemical severe duty	M16 x 1.5

ES Extender

Extended Service Booster liquid

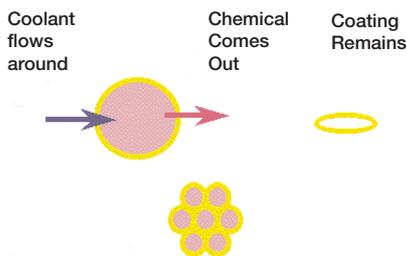
Part-No.	litres
CC 2840	0,95
CC 2842	18,9
CC 2841	208



Slow chemical release process



Non-soluble permeable coatings provide graduated (= slow) chemical release. Furthermore, clumping of the pellets slows down the full release.



The coolant flow does not actually pass through the pellets. Chemicals are released by diffusion*.
(*diffusion - tendency of chemicals to move from areas of high concentration to areas of lower concentration)

If there is no water filter fitted, or cooling system capacity is above 80 litres, ES Extender is the chemical liquid alternative to the ES slow release coolant filter.

- To start, add 1l ES Extender per 80l cooling system capacity to achieve extended service intervals
- Add after one year or 250,000 kms or 4,000 hours to boost system for the following (extended) interval.

Chemical containing ES filters use a patented combination of non-soluble time release coatings and a diffusion orifice to slowly release chemicals during the extended service interval without adding harmful contaminants to the coolant system.

The chemical additive in ES filters is especially designed to replace only those chemicals that have depleted during engine operation thus minimising total dissolved solids in the coolant.



Filtration

For more information, visit cumminsfiltration.com

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