



# QSK HHP FF5782 Fuel Filter FAQs

## What is NanoNet™?

NanoNet™ is a new patented filtration media that stops harmful hard particles before they can damage the fuel injection system.

## Why are you introducing the FF5782 with NanoNet media?

According to the World Wide Fuel Council (WWFC), approximately 50% of diesel fuel globally does not meet ISO 18/16/13 at the retail pump. Cummins QSK Modular Common Rail Systems (MCRS) engines and many other engines use a high pressure common rail fuel (HPCR) system, which requires that fuel cleanliness meet the ISO 12/9/6 specification code at the injectors in order to protect the injectors and meet manufacturers' specifications. FF5782 featuring NanoNet media meets or exceeds this requirement.

## What application will the FF5782 fit?

The new FF5782 is designed for Cummins QSK MCRS Engines (19L, 38L, 50L and 60L). It also fits any other engine application that currently uses an FF5644.

## Will the FF5782 replace FF5644?

The FF5782 will be introduced as an upgrade to FF5644 in September 2011. It is the OE filter for Cummins QSK MCRS (19L, 38L, 50L and 60L) engines. While it is recommended that all engines using a HPCR system be upgraded to FF5782 and the NanoNet media, FF5644 will remain in the market

## **When will I be able to purchase FF5782?**

FF5782 will be available September 1, 2011

## **Will I be able to extend my service intervals with FF5782?**

If fuel coming into the fuel system meets ISO 18/16/13, FF5782 may extend your service intervals.

## **How does the FF5782 save me money?**

FF5782 saves you money by removing hard particles from your Fuel Injection Equipment (FIE) system and thus reducing component wear in injectors thus avoiding premature injector failure.

## **Why is FF5782 price higher than the FF5644?**

FF5782 uses the new NanoNet high performing filtration media which reduces the number of particles reaching the fuel injectors on your engine. This reduces the chance of premature injector failure. Reducing the wear on injectors will reduce equipment down time due to injector failure. The savings from reduced down time exceed the additional cost of the filters. Customers will experience up to a 60% saving in Total Cost of Ownership (TCO).

## **I own equipment with QSK MCRS engines and have never had an injector failure. Why do I need FF5782?**

Injector wear is occurring all the time. Some owners will experience complete failure while others encounter reduced performance. The FF5782 cleans fuel to ISO 12/9/6 cleanliness levels, thus reassuring that your equipment will not be adversely impacted by particles in the fuel supply.



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[cumminsfiltration.com](http://cumminsfiltration.com)

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