

Ford selected Sogefi to supply the diesel fuel filter for its new Diesel engine range Panther 2.0l mounted on the light duty trucks Ford Transit

Frankfurt (Automechanika), 15th September, 2016 – Sogefi has been selected by Ford to supply the diesel fuel filter for its new Diesel engine range Panther 2.0l mounted on Ford Transit.

Safety has been one major focus of this design. This can be seen through the protection against crash. Made of composite plastic housing, this filter is mounted into the engine bay thanks to a metallic bracket. This one includes a specific crash shield designed to protect the filter and avoid fuel leaks during crash. Also for safety reasons, this filter provides fuel ports in conductive PPA material which helps to evacuate electrostatic accumulation that could occur around the filter element. At last, the electrical heater has been installed in a dry area, safe from any diesel fuel contacts. Furthermore, the filter housing of this module is made of plastic, which makes it particularly safe against bacteria accumulation that can be encouraged by biofuel. All these solutions contribute to ensure vehicle and passengers' safety.

To stand latest emission regulations and biofuel compatibility, diesel engines become more and more sophisticated and then extremely sensitive to both contamination and cold temperatures. This filter has been designed to stand high requirements in terms of robustness and lifetime in order to meet users' expectations.

Among implemented solutions, the Diesel3Tech+™ technology provides an extreme protection against water contamination in the fuel, preserving both engine reliability and injection system from rust, wear and malfunction.

Diesel3Tech+™ separates water droplets (down to 10µm) from fuel and stores water in a dedicated water tank. Once maximum water level is reached, water in fuel sensor lights up a warning light on the dashboard and in this way, separated water can be removed from the water tank through the drain screw.

Another benefit of this filter is the long life of the filter element, thanks to exclusive chevron pleating. It offers outstanding dust holding capacity in a reduced packaging. Sogefi has developed its own dimensioning software to rightsize filter elements regarding real life conditions, in order to avoid any premature clogging between service intervals, even in the worst conditions.

Finally, the filter media has been designed to offer very high efficiency for particles down to 4 microns, ensuring a very long life of the high pressure pump and the injectors.

Sogefi confirms its diesel fuel filtration expertise, increasing the Aftermarket product portfolio, covering more than 96 percent of the European car and light van fleet, through the well-known brands: Purflux, Fram, CoopersFiaam.