

FAQ TN01.07.FAQ04	Racor marine diesel fuel filters	Relates TO BSS Check 2.12.3
<p><u>Reasons for inclusion</u></p> <p>Examiners have questioned the acceptability in terms of fire resistance of diesel Racor fuel filters with transparent bowls installed in the engine compartment. These sometimes have a stainless steel flame-shield fitted beneath the bowl.</p>		
<p><u>Description / scenario</u></p> <p>Two types of Racor marine filters are generally available in the UK for diesel applications; the Turbine series; and, the Spin-on series.</p> <p>The Turbine series are supplied with all metal bowls, plastic bowls, or plastic bowls with metal shields:</p> <ul style="list-style-type: none"> • plastic bowls - <u>do not</u> meet the fire resistance requirement at 2.12.3. • plastic bowls with metal shields - <u>do</u> meet the fire resistance requirement at 2.12.3. • all metal bowls - <u>do</u> meet the fire resistance requirement at 2.12.3. <p>The Spin-on series are supplied with all metal bowls, or plastic bowls:</p> <ul style="list-style-type: none"> • plastic bowls - <u>do not</u> meet the fire resistance requirement at 2.12.3. • all metal bowls - <u>do</u> meet the fire resistance requirement at 2.12.3. <p>Note: Racor also manufacture fuel filters for petrol. These are generally supplied either with all metal bowls (which <u>do</u> meet the fire resistance requirement at 2.12.3), or plastic bowls (which <u>do not</u> meet the fire resistance requirement at 2.12.3.). However, please note that Racor has told us that there are instances where Turbine series filters may be used for both kerosene and petrol applications.</p>		
<p><u>Implications for BSS examinations</u></p> <p>If a vessel has a Racor filter fitted within the engine compartment, the filter must have an all metal bowl, or a plastic bowl protected by a Racor metal shield.</p> <p>Note that examiners may come across Racor filters which have been modified since the point of sale. In particular look out for metal shields not the same as that shown below, and look out for metal bowls or metal shields not retained by metal rings. Racor offer no assurance that such modified filters meet the fire resistance requirements; hence any such filter would fail at 2.12.3.</p>		

