

Safety screen filter

Catalytic Protection of proportional valves

The Safety Screen Filter is a 100 micron filter developed for ME/ME-C and ME-B engines. The Safety Screen Filter ensures continuous operation of the multi-way valves by protecting the proportional valve from contaminants in the hydraulic oil.

Proper functionality of the proportional valve relies on clean hydraulic oil. This should be ensured by a 6 micron automatic back-flushing filter. However, if unsuspected large particles have entered the hydraulic system, e.g. from a maintenance job, these particles can cause the proportional valve to malfunction.

The Safety Screen Filter protects the proportional valve against the large particles and, thereby, potentially prevents an unexpected cover lift.

Particles might interfere the functionality of the proportional valve. This could lead to engine stoppage and dismantling of the proportional valve. A Safety Screen Filter can prevent this situation from occurring.

The Safety Screen Filter must be cleaned every 6,000 hours or changed as a spare part when needed.

The old bottom piece can easily be replaced with the new bottom piece by the crew, including the Safety Screen Filter. Buying the Safety Screen Filter involves all needed parts for the installation.

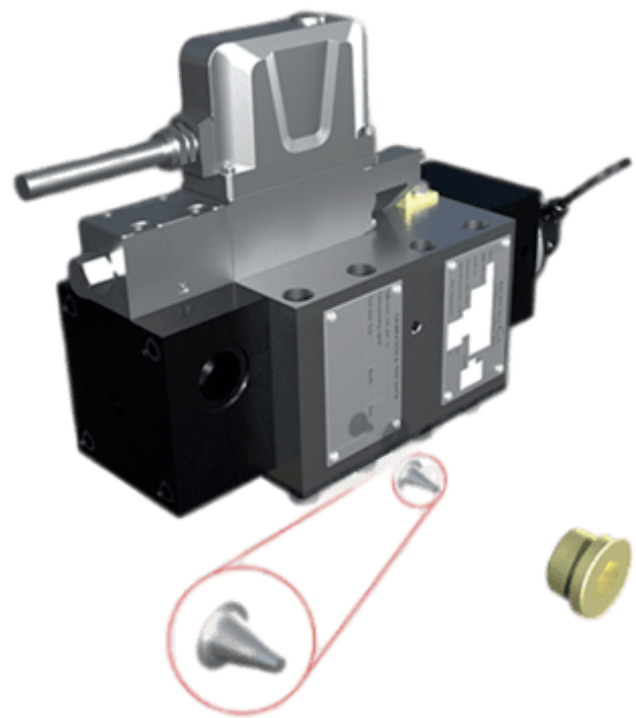


Figure 1: Safety Screen Filter

Safety Screen Filter

100 micron filter insert

Key benefits

- Protect proportional valve against malfunction
- Reduce risk of cover lift
- Improve reliability
- Safety for crew
- Easy installation done by crew

Scope of supply

- New bottom piece with filter
- Nut, plug and packing set

Applicable to

All Everllence B&W ME, ME-B & ME-C engines

Reference List

The Safety Screen Filter is a solution for new ME/ME-C and ME-B engines and is installed on approximately 700 engines.

More information

Would you like to know more about the product, and how the upgrade can improve your specific engine? Then do not hesitate to contact your local Everllence PrimeServ office to receive more information about the upgrade!

Everllence PrimeServ

Teglholmegade 41
2450 Copenhagen SV, Denmark
P + 45 3385 1100
RetrofitDK@everllence.com
www.everllence.com/primeserv