

TECH TIPS

HIGH EFFICIENCY OIL FILTERS

Filters May Not Be The Best Protection.

In some cases, using a higher efficiency oil filter may not mean better protection. Let's take a closer look at this.

It is typical for a filter that includes a media that catches a higher percentage of smaller contaminant particles (more efficient media) to plug with contaminant faster than one with a media that is less efficient at removing the same size particles.

When an oil filter plugs, a by-pass valve, located either within the filter or prior to, opens and allows unfiltered oil to go directly to the engine. This is not a good situation with exception to the engine which is still receiving lubrication from the oil, even if it is dirty. So, use of a more efficient oil filter may mean that you need to change it more often.

The Baldwin engineering staff is constantly developing new high-efficiency, high contaminant holding (high capacity) filter medias. These medias not only remove a very high percentage of the smallest particles of contaminant, they are also designed to hold a greater amount of contaminant.

Be assured that the Baldwin filter listed to be used on your application is designed with the best balance of contaminant removal efficiency and contaminant holding capacity to protect your investment. If there is an acceptable higher efficiency filter that can be used, it will be noted in the Baldwin catalog.

