

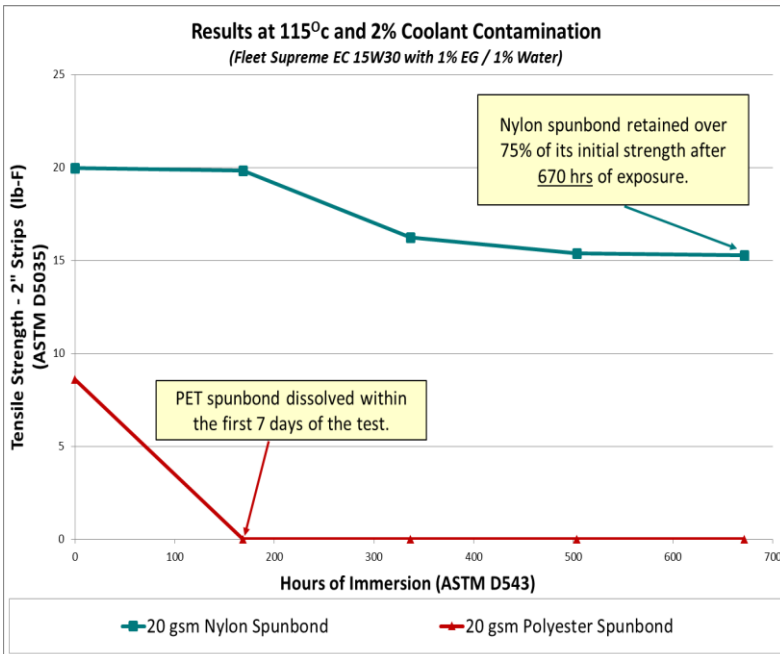
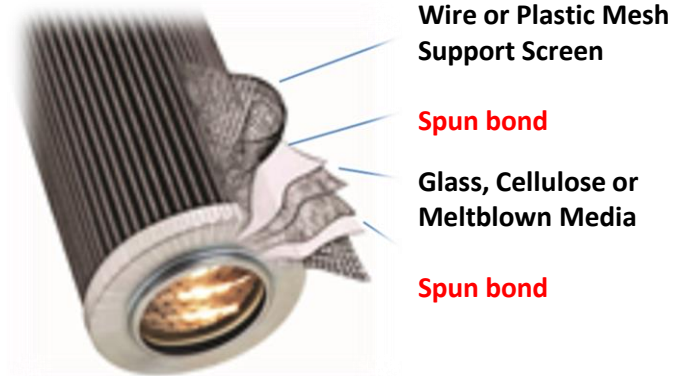
Nylon 6,6 Spunbond Fabric Can Prevent Catastrophic Filter Media Failure Caused by Ethylene Glycol Contamination in Engine Lubrication Oils

Coolant Contamination Is a Real Issue

- 62% of lubrication professionals say glycol contamination has caused serious problems for their company's equipment.
- One study found glycol contamination in 1 out of every 12 diesel engine samples tested.
- A major diesel engine OEM has estimated that 53 percent of all catastrophic engine failures are due to coolant leaks.
- Just 0.4 percent coolant containing glycol in diesel engine oil is enough to coagulate soot and cause a dump-out condition leading to sludge, deposits, oil flow restrictions and filter blockage.

Spunbond fabrics play an important role in filter design and performance

- Reinforcing Strength for Burst Protection
- Separates Media from Support Screen
- Acts as Pre-Filter for Increased DHC
- Minimizes Downstream Media Migration
- Protects Media During Processing



Nylon spunbond fabrics don't deteriorate in contaminated oil and can help filters achieve longer service intervals.

- At typical engine temperatures, polyester spun bond fabrics immediately begin to deteriorate.
- Once the polyester fabric has dissolved, there is nothing left to protect the media and prevent catastrophic filter failures.

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