NAPA Water-Absorbent Media is an efficient way to remove water contamination from hydraulic fluids.

The presence of water damages the components of the system and increases service cost. Water in the oil induces oxidation and rust formation and decreases quality of lubrication, additive action and viscosity.

The absorbent media is joined to a filtering media such as non-organic fiber or paper. They preserve the filtration functionality. The absorbent layer removes water through a physical chemical reaction that expands the media, forming a gel (trapped water). However, hydraulic oil passes through this media without interference. When the gel formation is complete, the media stops the water removal reaction.

Most standard NAPA elements in non-organic fiber and paper media can be manufactured adding a layer of absorbent polymer to the standard filtering media.

Did you know? NAPA offers over 300 part numbers with the water-absorbent media. If you don’t see your need, please give us a call or contact your local filter sales representative.