



# Water Removal

option is available for spin-on and cartridge filter elements.

Our water removal layer is co-pleated with Dualglass media to produce a filter that can remove water while maintaining  $Bx[c] = 1000$  efficiency down to  $2.5\mu[c]$ .

## Water Contamination

Free and dissolved water in hydraulic and lube systems lead to bearing fatigue, accelerated abrasive wear, corrosion of metal surfaces, increased electrical conductivity, viscosity variance, loss of lubricity, and fluid additive breakdown. Sources include condensation, reservoir leakage, worn actuator seals, heat exchanger leakage, new oil, and more.

Filter elements with water removal media can bring high water counts down. Most water removal elements come with less efficient particulate removal than standard glass elements. We combine the best of both worlds to by removing water while maintaining our high performance particulate removal efficiency. Water removal is available with any of our glass media selections from  $1\mu$  to  $40\mu$ . There is a price adder to the glass element price so please consult the price list or call Hy-Pro before quoting.

## Water Capacity by Common Series:

Hy-Pro Element	H2O Capacity Ounces
HP75L8-*AB	23
HP101L18-*AB	84
HP101L36-*AB	172
HP102L18-*AB	65
HP102L36-*AB	112
HP83L16-*AB	57
HP83L39-*AB	123
HP8314L39-*AB	200
HP8310L39-*AB	207
HPKL9-*AB	21
HP60L8-*AB	15
HP25L9-*AB	12

\*For series availability please contact Hy-Pro  
The media code for water removal with Dualglass is A instead of M for glass only (ie HP\*\*L\*-\*A\*).

## Hy-Dry Desiccant Breathers

Hy-Dry breathers also offer a solution to water contamination issues by preventing water from entering the reservoir or gearbox through traditional filler-breather caps. Hy-Dry breathers eliminate one source of water in the system and help improve the effectiveness of filter elements with water removal media.

