PTI DryPak™ Hydrophilic Moisture Control Elements

Standard Micron Rated Particle Elements with Integral Water Removal

A more robust

and reliable

filter element

Features

- Long-Life PTI $\beta_{x(c)} \geq 1000$ Glas-Tech® media
- Low cost on going moisture control
- No significant clean delta-p increase
- Minor delta-p increase with a water saturated element
- Extends element life
- Controls and reduces free water, emulsified water, and dissolved water
   while maintaining the ISO cleanliness of the system
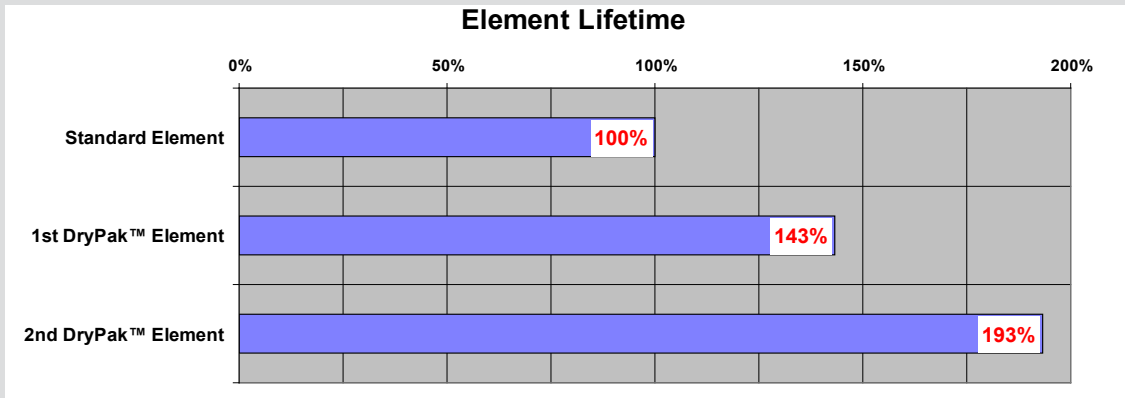
Product Description

PTI DryPak™ Elements are inexpensive, cost-effective units that provide moisture control within a standard Particle Control Element. Water contamination adversely affects oil by catalyzing oxidation and rapidly depleting water-sensitive additives. Reducing water in oil stabilizes viscosities, reduces corrosion, inhibits the generation of waxes and gels, and protects depletion of the oil additive package. DryPak™ Elements protect systems against moisture-related conditions in the new, high performance fluids while in many cases extending the filter change intervals of elements in the system.
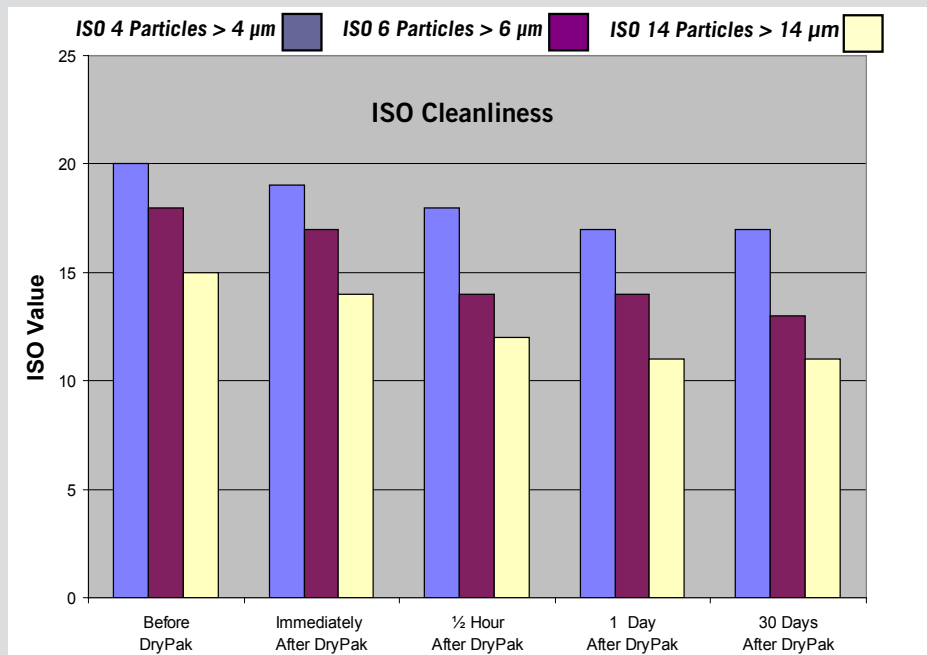
Water is removed

Viscosity remains constant
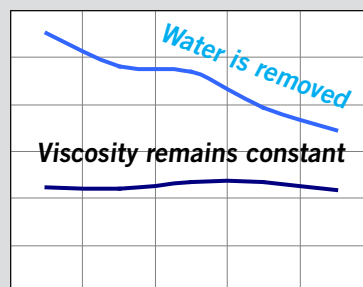
Time After DryPak™ Installed   -->

PTI

PTI DryPak™ Moisture ControlElements

Element Lifetime

	0%	50%	100%	150%	200%

Standard Element — **100%**

1st DryPak™ Element — **143%**

2nd DryPak™ Element — **193%**

PTI DryPak™ Elements protect against moisture-related conditions in the newest, high performance fluids while in many cases dramatically extending filter change intervals.

ISO 4 Particles > 4 µm   *ISO 6 Particles > 6 µm*   *ISO 14 Particles > 14 µm*

ISO Cleanliness

ISO Value

	Before DryPak	Immediately After DryPak	½ Hour After DryPak	1 Day After DryPak	30 Days After DryPak
ISO 4	20	19	18	17	17
ISO 6	18	17	14	14	13
ISO 14	15	14	12	11	11

With continued use DryPak™ elements can steadily bring down ISO cleanliness levels - even as additional moisture enters the system.

Ordering Information:

PTI DryPak™ elements are designated by adding the suffix "-W" to the element part number.

Examples:

Standard Element is: DP83-150-HF-B

DryPak™ Element is: DP83-150-HF-B-W

Elements in the DryPak™ configuration are currently offered in the DP83, P83, PC83, RP83, RH83, H83, HF4, P97 and the PG element series as well as many PTI interchange elements.

For additional information please contact your PTI Distributor or the factory.

PTI.

ESCO TECHNOLOGIES

F01041 Rev.8

PTI Technologies Inc is certified to ISO standards