



Description

Delta-Xero offers a premium range of offline filtration systems, now proudly part of the Lubrigard approved product range. Featuring a patented cartridge design, these systems deliver ultra fine filtration down to 0.1 micron, effectively removing varnish, particulates, siloxane and water from operating fluids and fuels.

Exceeding ISO 4406 cleanliness standards, Delta Xero filtration technology enables a reduction in fluid contamination by over 90 percent. The result? Extended fluid life, significantly lower maintenance requirements, reduced downtime, and a substantial decrease in the risk of premature equipment failure. Delta-Xero is not just filtration, it is protection, performance and peace of mind, backed by Lubrigard's mark of quality.

Filtration Units Scalability

Delta-Xero filtration units are available with 1 up to 12 individual filter cartridges, offering a wide range of flow rates from <1 to 20L per minute and capacities of 100 to 120,000 L and flow rates of 1Lpm @ ISOVG32 @20°C to XXXLpm.

Configuration Options

Delta Xero filtration systems can be fitted with a variety of motor options, including 110V, 220V or 415V, as well as pneumatic and hydraulic configurations for operation in specialised environments. Each system comes equipped with pressure gauges and sight glasses as standard. Optional features such as fluid condition monitoring, tan delta testing and particle counters can also be integrated. All Delta Xero filtration systems can be certified to meet ATEX Zone 1 or ATEX Zone 2 requirements. For added flexibility, smaller units can be supplied as tray mounted or wall mounted systems.

Filter Cartridge

The patented Delta Xero cartridge is the core reason behind the exceptional performance of Delta Xero filtration systems. It operates by drawing fluid from a machine or storage tank and passing it through a network of microscopic filter capillaries, effectively removing particulates, water, varnish and salts down to 0.1 micron, far exceeding ISO 4406 cleanliness specifications. Contaminants and water are securely retained within the cartridge, allowing for safe and simple disposal.

Filter Options

Cartridge selection depends on the specific application. The DXO cartridge is available in two distinct versions: a standard version designed for hydraulic fluid and lubricant filtration, and a powertrain version optimised for fuel filtration. Each type is clearly colour coded to ensure easy and accurate identification.





Part number	DX0-1525
Weight (dry)	1.15 kg
Weight (saturated)	Up to 3.5 kg
Flow capacity	1.0 lpm @32 cSt
Water absorption, free & bound	Up to 1.25 Ltrs
Min and max limits	Min 0°C - Max 100°C
Material	PP cellulose mix
Package dimensions	152 mm x 152 mm x 230 mm



Part number	DXO
Weight (dry)	1.85 kg
Weight (saturated)	Up to 4.5 kg
Flow capacity	1 l/pm @ 32 cSt
Water absorption, free & bound	Up to 2600 ml
Min and max limits	Min 0°C - Max 100°C
Material	PP cellulose mix
Package dimensions	192 mm x 192 mm x 265 mm



Part number	DXPT
Weight (dry)	1.7 kg
Weight (saturated)	Up to 4.0 kg (fluid dependent)
Flow capacity	Up to 7 l/pm (viscosity dependent)
Water absorption, free & bound	Up to 2600ml
Min and max limits	Min 0°C. Max 100°C
Material	PP cellulose mix
Package dimensions	192 mm x 192 mm x 265 mm