

Filtration Elements for Reliable Performance

The Portable TURBO-TOC[™] (KLP Series) is a mobile turbine oil conditioning system designed to provide on-demand removal of water and particulate contamination. Ideal for reservoir maintenance and outage support, the KLP unit delivers ISO cleanliness improvements and rapid water separation without interrupting turbine operation.



TURBO-TOC[™] Particulate Elements

The portable TURBO-TOC[™] system utilizes the same proven filter media as fixed TURBO-TOC[™] units in a more compact footprint. These filters maintain system cleanliness, support reliable turbine performance, and extend oil life during both runtime and maintenance events, all while offering the flexibility of mobile deployment.

TURBO-TOC[™] Coalescer and Separator Elements

Portable TURBO-TOC[™] systems use dedicated coalescer and separator elements to remove free and emulsified water from turbine oil with high efficiency. The coalescer captures dispersed water and merges it into larger droplets, while the separator prevents re-entry—delivering dry, clean oil without the need for heat, chemicals, or vacuum systems.



Specifications

Fluid Compatibility	Mineral-based Turbine Oil
Maximum Viscosity	ISO 68
Operating Temperature Range	32 - 200 °F (0 - 93 °C)

	KMP9600AKF8V	C220270	C220271
Element Type	Particulate	Coalescer	Separator
Performance	ISO Cleanliness 15/13/11 β _x = 1000 @ 4.2μ	ISO Cleanliness 15/13/11 β _x = 1000 @ 5.1μ	-
Terminal Pressure Drop	25 psid (1.7 bar)	15 psid (1.0 bar)	15 psid (1.0 bar)
Nominal Dimensions (D x L)	3" x 8" (76 x 203 mm)	4" x 16" (102 x 406 mm)	4" x 12" (102 x 305 mm)
Approximate Weight	13 lbs (5.89 kg)	3 lbs (1.36 kg)	2 lbs (0.91 kg)

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