



«KLEENTEK

Electrostatic Liquid Cleaner

«KLEENTEK ELCs employ a unique electrostatic cleaning method to remove all types and sizes of contaminants, providing unrivalled levels of oil cleanliness and machine reliability

Removes Varnish

«KLEENTEK removes varnish deposits from system internals. If left inside the system these gradually reduce clearances and increase friction, leading to wear and erratic machine operation

Reduces oil change costs by **90%**

Reducing filter replacement costs by **80%**

Reducing machinery failure costs by **56%**

Reducing downtime costs by **80%**

Reducing machine maintenance costs by **70%**



Applications

Turbine Lubes
Hydraulics
Compressors
Gear Oils
Transformers
Heat Transfer Oils
Paper Machine Oils

Features

Portable
Operates On-line
Low Running Costs
Low Maintenance
Cleans Oil to Sub-Micro Levels
Removes Varnish

Benefits

Improves Reliability
Extends Oil Life
Protects Oil Additives
Reduces System Wear
Improves Work Environment
Reduces Waste



How it Works

Inside each cleaning chamber is a consumable Collector Element. Polar contaminants are attracted out of the oil by positive (+) and negative (-) electrodes and are then held in the collector



ELC-R3PSP



ELC-R6PSP



ELC-R10PSP



ELC-R25TP



ELC-R50TP



ELC-R100TP

Technical Specification

Unit		Cleaning capacity guide, litres				Pump	Dimensions	Weight	Power	Collectors	
		Hydraulic oils, ISO VG				flow	l x w x d (mm)	Kg	cons		PCs/
Standard**		32	46	68	100	l/mm			W	Type	set
ELC-R3PSP*	EU, IS	800	560	380	210	1.2	311 x 361 x 531	20	200	CC-R3SP	1
ELC-R6PSP*	EU, IS	1600	1120	760	420	1.2	359 x 386 x 531	23	200	CC-R3SP	2
ELC-R10SP	CE, IS	5000	3400	2200	1200	2.2	675 x 350 x 915	70	270	CC-R10SP	1
ELC-R25TP	CE, IS	12400	8600	5800	3200	3.7	675 x 350 x 950	72	320	CC-R25SP	1
ELC-R50TP	CE, IS	24000	16600	11200	6000	9	710 x 530 x 1080	108	760	CC-R50SP	1
ELC-R100TP	CE, IS	48000	33200	22400	12000	12	1070 x 515 x 1080	161	1000	CC-R50SP	2



Standard units are suitable for Mineral Oils, PAO, Di- and Polyol Esters and Vegetable Oils (for Phosphate Esters and Polyglycols special units are available)

Standard units available in 240V and 110V, or 3 phase on request

Max. temperature: 60°C (special units available for 80°C)

Max. viscosity: 600 cSt

Max. water content: 500ppm (=0.05%)

The above table shows the maximum oil cleaning capacity based on a continuous application. The values are approximate and are valid for normal hydraulic and lube systems.

* This type of unit is also available without a pump.

** The ELC-units are manufactured in the following standards:

IS = International Standard; CE = CE-marked for EU countries;

EU = dedicated units (for European machine makers)

Note! For systems with servo valves the above values should be reduced by 20%

For oils with detergents/dispersants of metal or amine type the above values should be reduced. OilCare can advise accordingly.

The life of the collector is normally 2000 hours. When initially cleaning a relatively high contaminated system, the life of the collector can be reduced