



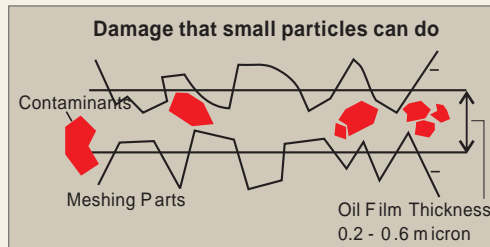
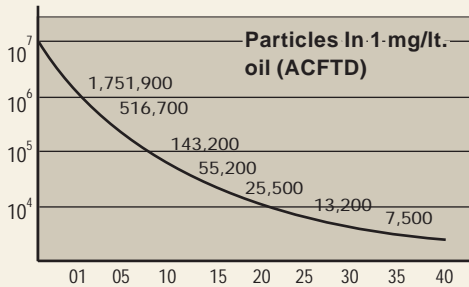
# A comprehensive solution for cleaning & analysis of hydraulic & lubricating oils ...



## KLEENTEK FERROCARE ELC Electrostatic Liquid Cleaners

**For removal of  
solid contaminants  
from oil.**

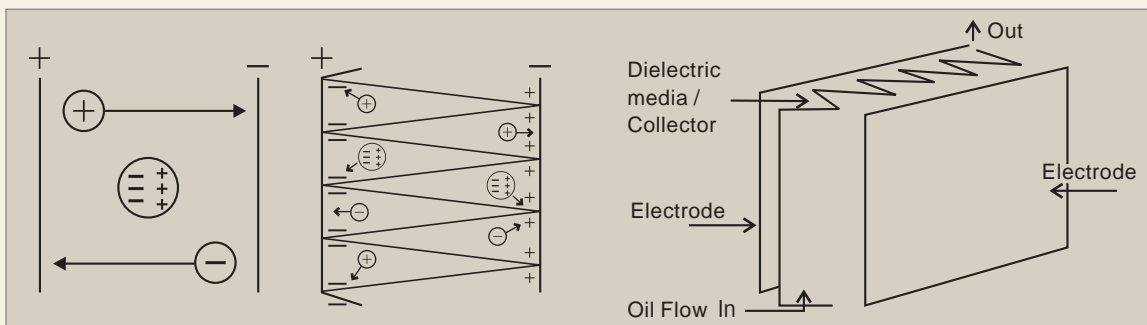
Electrostatic Liquid Cleaning does efficiently what mechanical filtration can never do.



KLEENTEK FERROCARE Cleaning range						
Size	100µm	50µm	10µm	1µm	0.1µm	100°A
Strainer	→					
Filtration	→	→				
Centrifuge	→	→	→			
ELC Cleaning	→	→	→	→	→	→
				Bacteria	Virus & Carbon Black	

- The smaller the particles, the higher their concentration
- Particles which cause wear are between 0.2 & 0.6 microns
- The ELC removes all sizes & types of particles equally well.

**Working:** The ELCs effectiveness lies in its simplicity.



As fluid flows through the cleaning cell, the particles deposit on either the negative or positive electrode. The ELC removes all sizes & types of particles including bacteria & virus.

### Model Selection Guide

Conventional Hydraulics (max. quantity)				
ISOVG	32	46	68	100
Type				
ELC 8LP	2500 l	1700 l	1100 l	600 l
ELC 25A	6000 l	4200 l	2800 l	1500 l
ELC 50C	12000 l	8300 l	5600 l	3000 l
ELC 100LP	30000 l	20000 l	14000 l	7600 l

For NAS 7 and better, derate the above quantity by 50%.

### Models' specification:

Model	Electrical Power	Dimensions (L x W x H)	Weight (kg)	Pump Flow (lit / min)
ELC 8LP	250W	610 x 480 x 540	70	2 at 50Hz
ELC 25A	250W	800 x 505 x 680	100	3.5 at 50 Hz
ELC 50C	500W	780 x 505 x 880	140	10 at 50 Hz
ELC 100LP	550W	920 x 630 x 950	180	10 at 50Hz

### Operating Conditions:

- Mineral base oils, except IC engine oil
- Moisture content 500 ppm max.  
Temperature 60°C max.
- Standard power source: 415v 3Ø 50Hz
- For high temperature applications & fire resistant fluids, suitable models are available.

