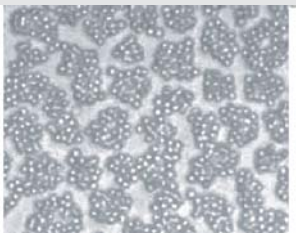
ISOPur™

The Power of Purity


ISOPur LR-CMU *with BCA™ Technology*

Do you have continued problems with varnish and sludge formation on critical machinery internals? Is your current filtration system not doing enough? The LR-CMU is the small solution to big problems. ISOPur's patented Balanced Charge Agglomeration (BCA™) technology grows sub-micron particles into larger particles, which improves existing filter performance. Sludge and varnish buildup is removed and prevented with the LR-CMU, providing an advanced, cost effective solution.

Keep your machinery clean with ISOPur.

Treatable Fluids

- Lubricating oil
- Hydraulic oil
- Phosphate ester
- Machining oil
- Diesel fuel
- Vegetable oil
- EDM fluid
- Dielectric fluids
- Turbine oil
- Any non-conducting fluids

What is BCA™?

Balanced Charge Agglomeration works by flowing non-conducting fluids past electrodes that ionize contamination particles equally positive (+) and negative (-). The oppositely charged particles are mixed, attract to each other, and grow in size. These agglomerated particles are then easily removed by traditional filtration methods.

LR-CMU Features

- Cleans machinery internals
- Agglomerates smaller particles into larger, filterable particles
- Substantially improves existing filtration performance
- Effective on particles down to 0.1 microns in size
- Stops and removes existing sludge & varnish from machinery
- Agglomerates oxide insolubles and biological contamination
- Improves water and air separability characteristics
- Compact size

ISOPur's patented BCA™ technology makes filters work better.

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LR-CMU Specifications

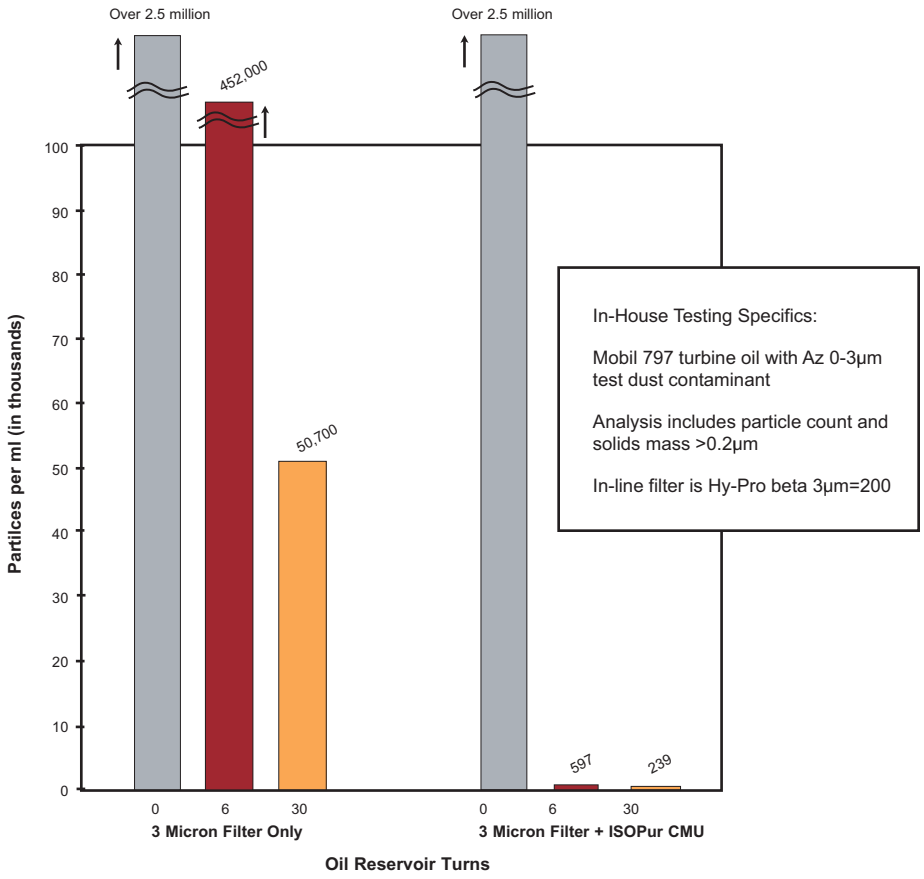
Ideal Applications

- OEM oil filtration systems
- Hydraulic fluid
- Injection molding
- Compressors
- Tap changers
- Machine tool
- Sludge/varnish issues

...and many more

	USA	International
Flow rate	35 to 150 GPH	133 to 568 LPH
Dimensions	12.5inx10inx4.2in	31.8cmx25.4cmx10.7cm
Weight	6.6 lbs	3.0 kg
Max. operating pressure	300 PSIG	20 Bars
Max. pressure drop allowed	25 PSID	1.7 Bars
Fluid temperature range*	40 to 200 F	4.4 to 93 C
Minimum fluid flash point	140 F	60 C
Power required	12VDC, 500 mA	
Enclosure	Optional NEMA 4	
Max. fluid viscosity	220 cSt at 104 F	220 cSt at 40 C
Ambient humidity range	Up to 95% non-condensing	
Transportation & storage	0 to 132 F	-18 to 55 C
Inlet/outlet port	1" NPT Standard	SAE-12, SAE-16

ISOPur CMU Particle Removal



*Contact an ISOPur representative for operation outside of recommended ranges.
ISOPur reserves the right to change specifications without notice.