

How our patented BCA process works:

- A fast, quiet, simple process of Balanced Charge Agglomeration™
- ◆ introduces controlled current
 - ◆ producing both positive and negative charged particles
 - ◆ the charged particles attract each other, forming larger particles, which can then be removed easily



Our technology pays you back quickly:

- Customers often achieve investment payback in less than six months.**
- ◆ some applications payback in less than a month
 - ◆ customers have reported Net Present Value savings up to \$767,000 with 1 ISOPur unit
- Ask your Representative to assist you with a free Cost/Benefit Analysis.*

ISOPur Fluid Applications

- Manufacturing**
- Hydraulic Oil
 - Lubricating Oil
 - Cutting & Grinding Fluids
 - EDM Fluids

- Power Generation/Transmission**
- Turbine Lube Oil
 - Servo Valve Oil
 - Insulating Oil

- Marine**
- Diesel Lubricating Oil
 - Diesel Fuel
 - Hydraulic Oil

- Diesel Fuel**
- Particulate Removal
 - Eliminates Bacteria
 - Heavy Metals Removal

- Transportation**
- Diesel Fuel
 - Transmission Fluid

- Food Service**
- Cooking Oil

As well as other non-conductive fluids

ISOPur Fluid Products

ISOPur currently offers four fully modularized, standardized product lines. These lines are differentiated primarily by flow rate to suit different applications.

ISOPur™ 50

Flow rates: 75 to 110 gallons per hour (suitable for fluid reservoirs of up to 500 gallons).

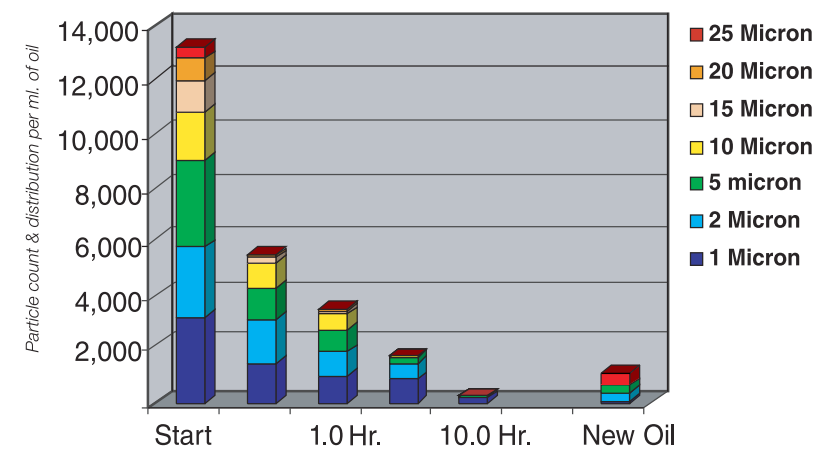
ISOPur™ 101

Flow rates: 100 to 300 gallons per hour (suitable for fluid reservoirs of up to 1,500 gallons).

ISOPur™ 600

Flow rates: 600 to 1000 gallons per hour (suitable for fluid reservoirs of up to 5,000 gallons).

ISOPur™ restores fluids to a higher standard of quality



Fluid purification technology:

Extending equipment life, slashing operating costs



70 Inwood Road • Rocky Hill, Ct 06067
 Tel: 860.571.8590 • Fax: 860.571.8815
 E mail: info@ISOPurFluid.com • www.ISOPurFluid.com

Offices Worldwide

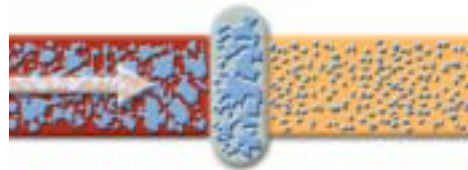
Via del Burlamacchi 13 □ Bargkoppel 14
 55100 Lucca, Italy □ 22844 Hamburg, Germany
 1802A, 738
 Shangcheng Road, Pudong
 Shanghai 200120, PRC



70 Inwood Road • Rocky Hill, CT 06067 • www.isopurfluid.com

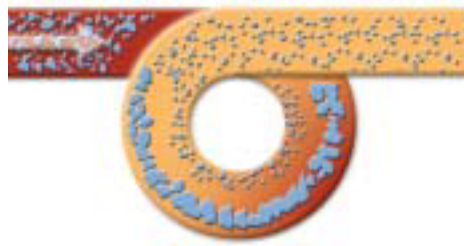
The old coffee filter technology falls short

Mechanical



- ◆ Particles quickly clog pores
- ◆ Ineffective for small particles
- ◆ Creates back pressure
- ◆ Requires disposal & replacement of oil

Centrifugal



- ◆ Does not remove varnish
- ◆ Ineffective against bacteria
- ◆ Frequent cleaning required

The majority of filtration systems use fifty-year old methods that work much like a coffee filter does . . . relying on a replaceable paper filter.

Today's equipment has grown in sophistication and performance that has often outstripped the ability of filtration systems to cope.

Oil companies have strived to meet this demanding new environment with higher performance, more expensive oils and additive packages.

Then we introduced our patented Balanced Charge Agglomeration™ (BCA) process.

Now you can purify fluids to a level of ultra purity often better than the quality of the original - under tough conditions.

Your new option is ISOPur™.

Fluid Check List:

- Would you like to reduce or eliminate your waste oil stream?
- Do you incur repair costs due to under-performing fluids?
- Is oil sludging something that you've learned to live with?
- If you could end one oil related problem, what would it be?

Do you have challenges with:

- Dirty oil?
- Equipment downtime?
 - planned
 - unscheduled
- Labor intensive filter systems?
- Waste oil treatment?
- Water?
- Bacteria, or odors?
- Sludge, gum, or varnish?
- Bearing failures?



Actual customer oil sample: Mobile DTE 797 before ultra purification by ISOPur™

Actual customer oil sample: Mobile DTE 797 after ISOPur™

A clear improvement up to 16X cleaner than new oil

The new ISOPur™ Technology:

Balanced Charge Agglomeration™



- ◆ Cleans fluids down to a sub-micron level of ultra purity
- ◆ Removes soot, bacteria, and pollen
- ◆ Removes varnish build-up
- ◆ Breaks up non-chemical emulsions
- ◆ Reduces, or eliminates, fluid waste stream
- ◆ High reliability
- ◆ Minimal maintenance
- ◆ Cleans machinery internals
- ◆ Extends fluid life
- ◆ Extends equipment life

We had a need for improved fluid quality standards to support production of precision parts for major automotive manufacturers. Conventional fluid purification systems were insufficient to meet our requirements. We required a system that would: (1) maintain particle counts as low or lower than new oil; (2) rapidly remove particulate as new parts were run through the test stands; (3) reduce waste oil generation as part of Eaton's commitment to reduce the environmental impact of manufacturing.

The ISOPur™ units achieved all three objectives... dramatically increasing fluid quality test results which means higher quality components and a reduction in rejection due to fluid contamination from almost 42% to less than 2%.

Eaton Corporation
Large manufacturing company

Unretouched photo

During my fifteen year history at the power house, we averaged one oil related outage every eighteen months on one of the four steam turbines here.

Since the ISOPur™ Systems were installed five years ago, we have had no oil related issues whatsoever.

The resulting savings in the expense and overhaul budgets over the five year cycle is between \$260,000 and \$300,000.

This does not include the incremental savings from not having to purchase power during the forced outages.

Engineer in a major U.S. Pharmaceutical Company