

ISOPUR™ BALANCED CHARGE LUBRICATION PURIFICATION

FOR FILTRATION OF LUBRICANT SYSTEM CONTAMINANTS UNATTAINABLE BY CONVENTIONAL OR CENTRIFUGAL SYSTEMS

ISOPur™ Balanced Charge Lubrication Purification systems, a critical part of Colfax Fluid Handling's Reliability Services portfolio, reduce lubricant system contaminants. ISOPur protects against sludge and varnish buildup in high-performance, mission-critical equipment, achieving filtration levels unattainable by conventional filtration or centrifugal systems.

The patented ISOPur technology – Balanced Charge Agglomeration (BCA™) – introduces current into the lubricant, producing positive- and negative-charged particles as small as .01 microns within the fluid. The lubricant and additives, non-conducting fluids, remain neutral. These charged particles attract each other, forming larger particles that are then captured and removed via standard filtration. The process also works to prevent and remove varnish from the internal components of machinery such as steam and gas turbines and compressors.

ISOPur purification helps to prevent catastrophic failure, extends the life of lubricants and the components they serve, while reducing plant maintenance: a Reliability Services solution beyond the ordinary, to keep your operation Up and Running.



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Reliability Services

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RELIABILITY
SERVICES