

Triton-E Dehydrator

*Quick Water Removal with
Simple Operation*



FAST Fifteen

Give us 15 - we will give you targeted fluid cleanliness concepts **for your machine.**

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Kris Mikulan – Group Product Manager, Filter Systems

WHY DO YOU NEED THEM?

Water and particulate contamination in fluid systems is a fact of life and needs to be addressed

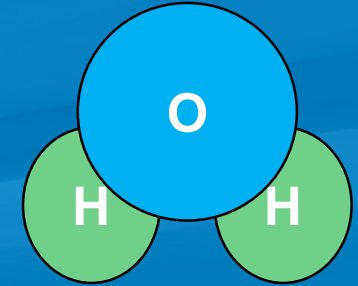
- Triton E dehydrators will effectively and efficiently provide very clean (ISO14/12 or better) and very dry oil for the customer's fluid system.
 - will remove 100% of the free water and 80% (or more) of the dissolved water
 - Will accomplish this without the need for excessive heat or vacuum
- Can be used on a very wide range of fluids with no adjustments required
- Ambient air is heated by the blower which lower humidity of the air.
- Water is transferred from the oil to the ambient air received from the blower

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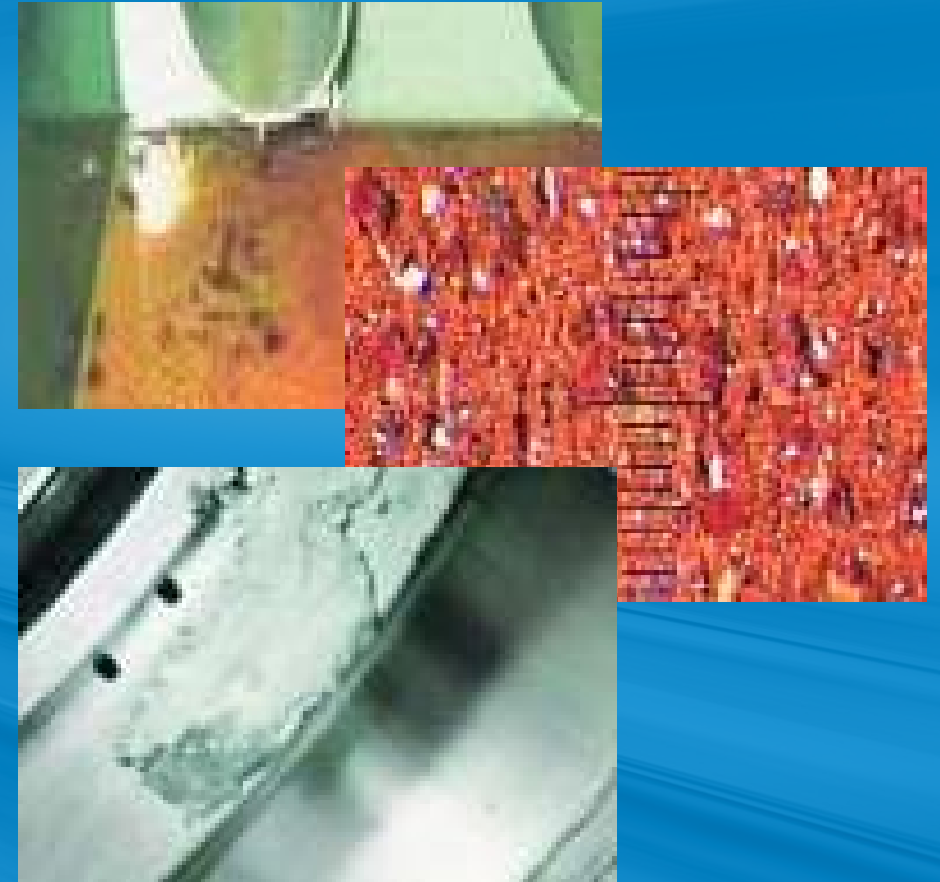
Sources of Water Contamination

- Through system vents
- From coolers and heat exchangers
- Precipitation due to temperature fluctuations
- Introduction of contaminated top off fluid
- Rain in external reservoirs
- Rain leaking into incorrectly stowed barrels
- Wash downs
- Many other routes



Effects of Water Contamination

- Corrosion of component surfaces
- Degradation of fluid performance
- Precipitation of additives
- Oxidation of hydrocarbon fluids
- Deterioration of fluid lubricating properties
- Icing at low temperatures
- Promotion of bacterial growth



Benefits Mass Transfer Dehydration

Strengths

- Removes free and dissolved water
- Does not stress, strip additives or degrade the oil
- Very low maintenance (elements and breathers)
- High water removal rates(free and absorbed)
- Reliability (uptime), ease of use, performance
- User friendly operation requires minimal training to operate
- Lower upfront cost compared to Vacuum dehydrator
- Excess water expelled as vapor. No condensate to dispose
- Several flowrate options available 3-15 Variable, 15GPM & 22GPM fixed flow rates



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Interested to learn more?

- Select 1-5 items pertaining to the topic you are interested
- Click the “Request Information” button located directly under the product photo
- Mention “Fast Fifteen” in the comments section and a representative will be in touch

