EP NTZ Micro Filtration, LLC

NEWS RELEASE

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SIGNIFICANTLY REDUCE CONTAMINATION WITH EP NTZ'S HIGH PRESSURE HYDRAULIC FILTERS

99.97% Effective Filtering
Particles 2 Microns & Larger

INKSTER, Mich., May 19, 2005 – EP NTZ Micro Filtration has introduced the latest and most effective weapon for fighting hydraulic fluid contamination – the ALH series of high-pressure bypass filters. According to Kirk Ciak, EP NTZ vice president of engineering, the ALH series can effectively filter 99.97 percent of the particles (β^2=2339) most likely to cause the most damage to hydraulic systems.

"Contamination is the largest single factor in hydraulic system failures," Ciak said. The Filter Manufacturers Council reported that contaminants cause more than 70 percent of all failures, and that system efficiencies can be reduced as much as 20 percent before it is recognized that something is wrong. Ciak continued, "Because this is such a serious consideration, it's important to address contamination with a serious filter. By utilizing bypass micro filtration we're able to eliminate a high level of the very smallest particles from hydraulic fluid, in low or high pressure environments."

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The EP NTZ series of filters utilize bypass filtration and a micro depth filter element to achieve optimal system cleanliness in systems utilizing a maximum pressure of 210 bar. In bypass filtration, an average of 1-2 liters per minute of fluid (vs. 10-20 liters per minute in a full flow filter) passes through the filter. The specially-designed manifold incorporates a compensating valve that allows for a low flow rate with no pressure drop in the original system. This allows the filter to be much more restrictive, according to Ciak.

In addition, EP NTZ's radial micro depth filtration is effective at capturing 99.96 percent of particles two microns and larger, along with absorbing water or water-linked acids. "The benefits to removing these contaminants," Ciak said, "is improved equipment performance with lower cost of repair and maintenance. You'll be able to keep your equipment longer and the reduced usage that comes from cleaner operation will mean lower maintenance and disposal costs."

EP NTZ's ALH series is available in four filter sizes, and is a durable unit made of heavy duty extruded aluminum. It offers simple remote installation and easy filter cartridge replacement. Optional sampling ports and filter lifetime indicators are available.

EP NTZ Micro Filtration is the North American leader in development and manufacturing of micro filtration technology for automotive OEM and aftermarket applications. Based in Inkster, Mich., the company conducts product development and precision machining and assembly from facilities in the U.S. and Mexico. For more information visit www.epntz-filter.com.

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For an accompanying photograph, visit http://lmg.yi.org/epntz/419506