

Donaldson Duramax[®] Filter Takes the Industry Standard to the Next Level



Duramax[®]

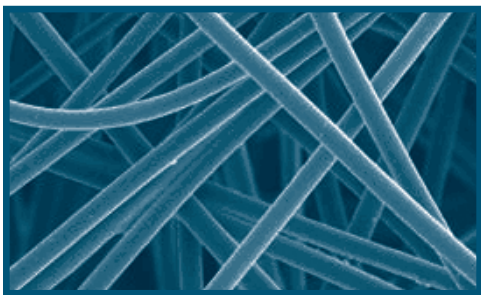
The next generation of filter for mid-pressure hydraulic applications

Hydraulic circuits perform several functions on mobile equipment including moving loads, power control, vehicle transport and equipment control. All mobile equipment hydraulic circuits require reliable filtration to protect system components and for optimum equipment operation. Hydraulic component manufacturers say that 70-80% of failures are directly attributed to contamination. Donaldson provides hydraulic filters for all these applications, many as OEM installations. The latest advancement is the Duramax HNK hydraulic spin-on filter.

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Unique to the new Duramax filter is the ability to choose between a spin-on or bowl cartridge style filter without changing heads. The new filter interface makes service easier and provides reliable sealing without having to torque to specification.



Scanning electron microscope image of Synteq™ XP (300x magnification)

The Duramax HNK hydraulic spin-on filter is manufactured using the breakthrough Synteq™ XP filter media which delivers 5 micron absolute efficiency with a holding capacity of a 12 micron filter – a necessity to meet ever-increasing system cleanliness requirements. Customer benefits include extended filter life, higher capacity and lower pressure drop. Typical Duramax HNK applications include:

- Hydrostatic charge filtration
- Pilot circuits
- Powershift transmissions
- Mid-pressure kidney loops
- Return line with cold start spikes

More information on Donaldson Duramax can be found at:
<http://www.donaldson.com/en/engine/hydraulics/index.html>

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