

In this month's Hydrafile:**HYTRANS Staff Changes**

HYTRANS are sorry to announce that after 3+ years of dedicated sales effort, Brent Cleland has moved to new challenges in his career.

For the interim Andy Borgfeldt will be adding Brent's position of Product Manager to his current position of S.I. Sales Manager. He will be working with North Island counterparts, Mark Featherstone (N.I. Sales Manager) and Sam Dhar (Sales Engineer - Power Transmission).

[Click here](#) for more staff profiles.

[Click here](#) for more information on HYTRANS

Andy Borgfeldt

EDM 2008 - Orlando, USA

Richard Krebs and Nick Cottier attended the 2008 Eaton Distributor Meeting, held in Orlando, Florida at the beginning of October. HYSPECS attends these conventions at least once every 2-3 years to keep abreast of the latest products and innovations that Eaton has to offer.

The 5-day convention was held under one roof, with over 1000 attendees from all over the world staying at the hotel/convention centre. The three main days consisted of a series of 1-2 hour product workshops/technical sessions and a trade show at the end of each day.

Fact: Eaton Corporation turned over \$US13 Billion in 2007-2008, of that the hydraulics division provided \$US3 Billion.

**New Eaton Product / Product Updates:**

- **New 760 Series HD Variable Pump and Fixed Motor** is now available. The 760 expands the heavy duty closed circuit product line with displacements of 130cc/rev at 3200 rpm operating speed and 160cc/rev at 2950 rpm operating speed. Maximum power is rated at 300-340kW and the new pumps are quieter than the older series 1 and 2 models due to the new ribbed housing design. The pumps can be made into tandem units with 100% through power (not simultaneously). [Click here](#) to download the quick facts and specification sheet. [Click here](#) to download the catalogue from Eaton's website.



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- **New HP30 Geroler Motor** - A high performance motor with 5 displacements from 345cc to 940cc and rated continuously to 170 l/min at 310 bar (peak pressure 400 bar). Production is available now with bearingless and brake options and standard motors are expected next year. [Click here](#) to download the Char-Lynn motor product update sheet.



- **Phasing out the 10000 series 2-speed motor and replacing with HP30's.**

- **Delta Motor** - standard 4-bolt magneto mount now available with 2-bolt SAE-A mount incorporated (6-bolt mount). [Click here](#) for more information.

- **H, S and T series motors** now have a new high pressure shaft seal option, rated to 175 bar (2550 psi). This is a retrofitable upgrade utilising the same front mount. Nickel plating of the entire motor is now an option for protection against harsh environments. [Click here](#) for more information.

- 4th edition **Char-Lynn catalogue** now available on the [web here](#).

- **Ultronics Valve ZTS16** - This is a unique twin independent spool, monoblock, electro-proportional load sensing valve. It comes in 1-6 bank configurations and all compensation/load sensing is achieved via in-built sensors (in the pilot section) and software - there are no mechanical compensators, checks or reliefs required. The valve is rated to 130 l/min at 300 bar and flow resolution is 1/8th l/min. The electronics communicate via CAN Bus and valves can be daisy chained up to 16 sections. This valve is still in the development stage but for expressions of interest please contact our sales engineers today via the contact information in the left hand column. [Click here](#) for more valve information. Download the EDM2008 presentation on the Ultronics valve [here](#).



- **420 Piston Pump Design B** has been released. This includes a new compensator (which is from the PVM pump) and new housing, which has been developed to reduce noise by 3dB at full pressure. The new model code will end with a suffix "B". An inlet check valve has also been installed to protect against case pressure spikes (any made after Feb 2008). Torque control (pseudo horsepower control) is coming out, possibly next year.
- **Cetops** now come with onboard relays which reduces the power requirement of the IO modules (can send a control signal without a power signal).

For more information on any of the products above please contact HYSPECS by [email](#) or call one of our sales engineers today using the contact details in the left hand column.

Until next month all the best with business.

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