

In this month's Hydrafile:

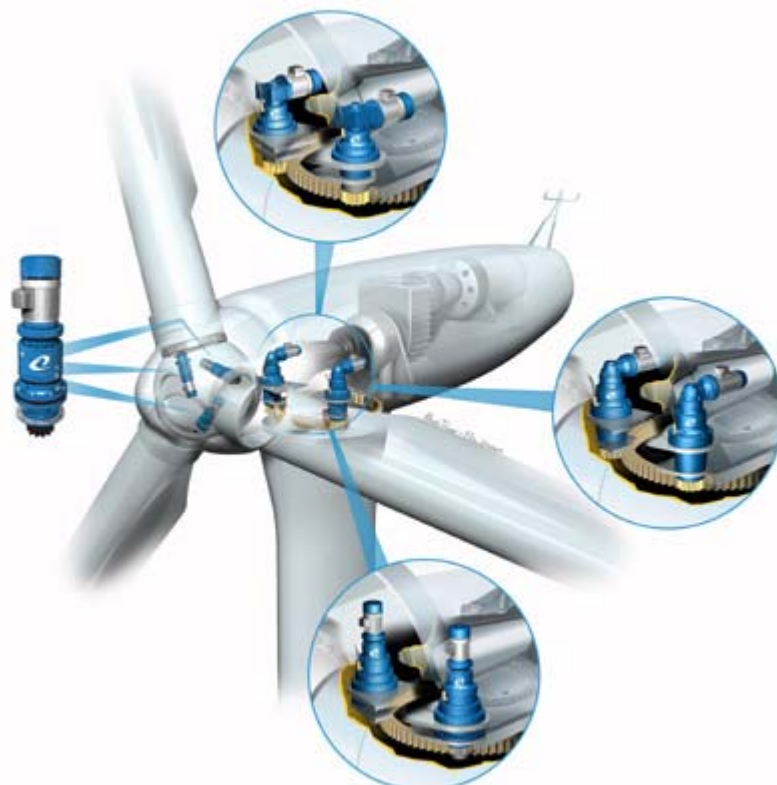
Featured Product Range:



comer industries

Comer Planetary Gearboxes...

In June we introduced you to our new range of Comer planetary gearboxes. In this month's Hydrafile we take a look into the applications where you can use them.



The above pictures are just two examples of where our PG Comer planetary gearboxes can be used. In actual fact when it comes to their use in power drive systems the applications are almost endless. They are typically seen in conveyor systems, slew mechanisms, winch circuits, augers and roll formers (with either electrical or hydraulic input) to name a few.

- PG planetary gear units are divided into 21 basic groups depending on the different torques that are to be transmitted to the output shaft, which can vary from 0.05 to 65 kNm
- Wide range of reduction ratios from 3:1 to 7:1 on single stage units up to 10000:1 and more on 5 stage units.

Products of interest:



Emmegi oil coolers...

Summer means higher working temperatures and we all know that hydraulic systems, just like the workers operating them, don't like to get too hot! If the system hasn't been designed with high working temperatures in mind or space requirements have meant that a smaller than desirable tank had to be used, an Emmegi oil cooler will protect the system from overheating.



Overheating of hydraulic oil (82+ degrees Celsius) will lead to premature seal failure in pumps, motors and cylinders and degradation of the oil (you can tell it's been overheated when the oil ends up looking dark in colour and smelling foul). To protect the system from this Hyspecs advises the use of an air over oil or water over oil cooler. We stock a full range of Emmegi coolers to suit all types of electrical power (AC/DC, single phase/3-phase) and even salt water protected water/oil coolers which you will often see in the super yachts parked in the Viaduct Basin

News:

Hyspecs staff...

Hyspecs has employed a new service engineer which has allowed our current service manager to fill a new position in our Auckland sales team.

Cam Riddle, our previous service manager has a background in heavy mobile equipment engineering. Cam completed his Advanced Trade as a Fitter and Turner with Tranzrail during which time he gained experience in hydraulic equipment installation and servicing. Cam started work with Hyspecs in early 2002 and is now taking up a sales engineering position and will be looking after Tauranga, Rotorua, Coromandel, Matamata and Morrinsville, along with part of Auckland.

Peter O'Neill began his working career with as a Rolls Royce aero engine apprentice in the UK. He moved to NZ in the 80's and decided to settle in Auckland. Peter has worked extensively in the hydraulic industry before coming to Hyspecs as our Auckland service engineer.



Peter O'Neil



Cam Riddle