

SEMINAR – STAGE 1

Seminar Programme

- **Introduction:**

- **Pumps:** Generic Descriptions of Gear, Vane, and Piston Pumps
 - How they work?
 - Best applications for each type.
 - Situations to be avoided with each type.
 - Failure diagnostics for each type.
 - Performance Envelopes for each type.

- **Motors:** As per pumps.

- **Valving:** Generic Description of:
 - Manual. (Monoblock, Sectional and CETOP)
 - Solenoid. (Monoblock, Sectional and CETOP)
 - Proportional. (Monoblock, Sectional and CETOP)
 - Servo Valves.
 - Correct Application of each type.
 - Situations to Avoid with each type.
 - Diagnostics of each type.
 - Performance Envelopes for each type.

- **Cartridge Valving.**

- **Filtration and Cooling.**

- A **Winch Circuit** will be designed using data provided by the applicants, with all circuit components being listed.

- **General Product Information.**
- **Maintenance:**
 - Diagnostics and Fault Finding.
 - Methods of acquiring data to best diagnose a fault.
 - Good Maintenance procedures and practices.
 - The Importance of Cleanliness.
- **Questions and Answers.**

The course will be as open as possible with participants being directly questioned and encouraged to actively participate as the course proceeds.



HYDRAULIC SPECIALTIES LTD.

P.O. Box 58-655 Greenmount, Auckland
Tel: +64 9 274-9985
Fax: +64 9 274-4441
9-11 Lady Ruby Drive, East Tamaki
Auckland, New Zealand

P.O. Box 7493 Sydenham, Christchurch
Tel: +64 3 366-1872
Fax: +64 3 366-1431
40 Durham Street, Sydenham
Christchurch, New Zealand

Web Site: www.hyspecs.co.nz

E-mail: hyspecs@hyspecs.co.nz