

## PROGRAMME - HYDRAULIC TRAINING SEMINAR

- 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.



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