

# HPU AND H-DRIVE HYDROGEN PACKAGE

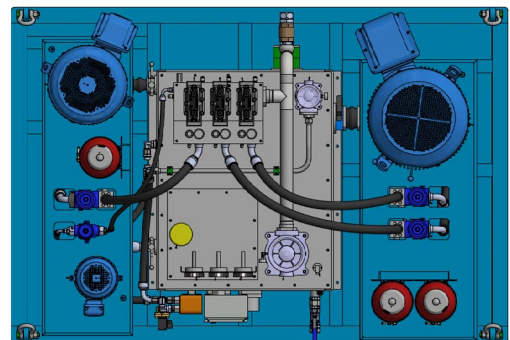
HPU is designed to provide hydraulic oil via several outlets to ultimately drive 3 x Haskel H-Drive hydrogen gas boosters

Project	Southern Oil / H-Drive
Location	Wagga Wagga, NSW
Scope	Engineering, 3D Modelling, Fabrication, Assembly, FAT, Documentation



## HPU

- Three vane pumps provide oil flow to three individual main supply circuits within the HPU and manifold
- Each circuit comprise an accumulator for pulse dampening, a pressure filter, pressure gauge, pressure relief valve and pilot operated DCV
- Pumps for filtration/cooling and pilot oil supply
- 1300L reservoir, equipped with 2x 2000W immersion heaters, return filtration, desiccant breather, level switch, temperature transmitter, fill port and inspection hatch
- Painted carbon steel frame complete with lifting pad eyes, load tested to AS4991



## H-DRIVE (3-OFF)



- Hydraulically driven gas boosters, non-lubricated, double acting, with reciprocating piston type
- Capable of elevating pressure up to 4500 Psi (310 Barg)
- H-Drive, Haskel's new generation of gas boosters, is designed to safely handle a wide range of critical, high-pressure gas compression and transfer needs, at high rates and pressures
- Proven design is reliable and robust, making it safe for continuous long-duration operation.
- Modular design makes it easily configurable

