

## Technical Regulation

### Mechanical low pressure pump

#### Architecture

- Gear pump or as proposed by supplier
- The pump will be driven by air compressor drive through axle
- Max. allowed weight is 5 kg.
- Pump shall be designed with drive shaft ventilation to atmosphere. I.e. between inboard and outboard seals.

#### Flow and pressure

The pump shall be able to supply:

- minimum 2 litre per minute
- with 6 barg backpressure
- at 600 rpm (pump is geared 1:1,27 with engine speed)

#### Overflow valve

The overflow valve shall regulate at the following:

- minimum 4 litre per minute
- with 9 barg backpressure
- at 1200 rpm

#### Interface and connector type

- Pump drive axle: to be decided, supplier to show possibilities
- Pump drive interface: to be decided, supplier to show possibilities
- Fuel connectors:
  - Inlet
  - Outlet
  - Overflow
  - to be decided, supplier to show possibilities