SCREW COMPRESSORS FOR HT APPLICATIONS

Rottenburg, April 2021
Julian Pfaffl
SCREW COMPRESSOR FOR HT APPLICATIONS
SELECTION OF PARTS THAT NEED TO BE CONSIDERED IN DRY-F

// O-rings / gaskets / plastics
- Pressure relief valve
- Check valve
- Shut-off valves, etc.

// Mechanical parts
- Bearings (HT version)
- Schrader valves
- Sight glass, etc.

// Oil
- POE / PAO / PAG / Other?
- Daniel plots > +100°C?

// Electrical parts
- Solenoid valves
- Motor (HT version)
- Terminal plate
- Internal cables
- Motor protection device
- Oil level control OLC, etc.

// Painting „BITZER green“
- 2K-painting
BITZER has started first field tests to gain more experience.
Field tests started with EEAB member Geelen Counterflow

- Hybrid dryers (gas + HP) for petfood and aquafeed
- Locations in South Korea (1200kWth), China (2400kWth) and Norway (3350kWth)
- Operating point to/tc = 35°C/122°C