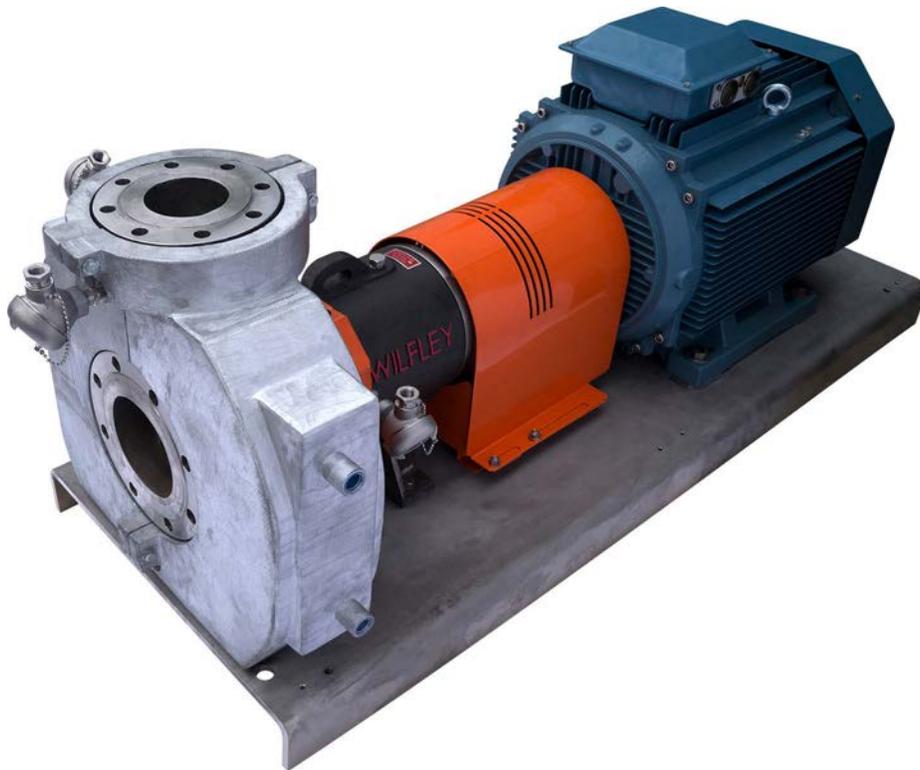


AMMONIUM NITRATE

WILFLEY[®]
HEAVY DUTY
CENTRIFUGAL PUMPS

70 years of safety and reliability in Ammonium Nitrate production

Wilfley has been leading advancements in pump sealing technologies ever since we invented the Wilfley Dynamic Expeller Seal in 1919. **Wilfley Sealing Technology** eliminates all of the long standing problems associated with mechanical seals and has proven to be a **safer** and superior alternative.



Standard Features for Ammonium Nitrate

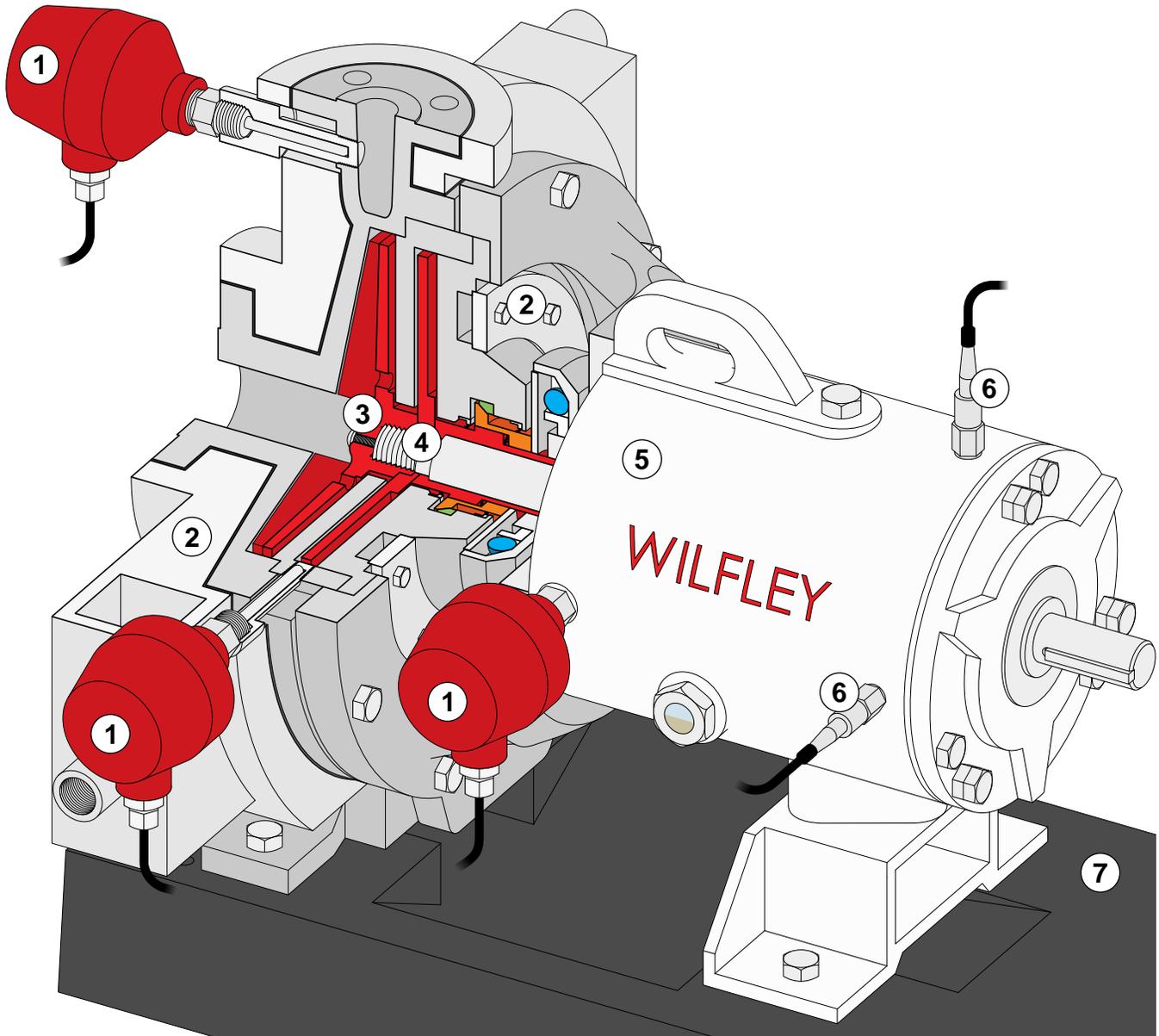
- Dynamic expeller seal with latest DryLock[®] static seal technology
- Heavy duty construction
- Optimized design for thermal sensing
- Stainless steel wet end (no copper)
- Stainless steel bracket and/or bearing frame
- Multiple washout and drain ports

Key Benefits

- **Safe and reliable** hydrodynamically sealed pump
- **No** frictional heat generated by seal faces
- **No** flush water required
- **No** product dilution

AMMONIUM NITRATE

Typical Options for Ammonium Nitrate



- 1** Thermal sensing for case, expeller chamber, and inboard bearing
- 2** Steam jacketing for casing and seal housing
- 3** Locking screw on impeller
- 4** High strength alloy shaft

- 5** Two part epoxy paint on non-alloy surfaces (stainless steel available)
- 6** Condition monitoring
- 7** Non-metallic base plate (stainless steel available)