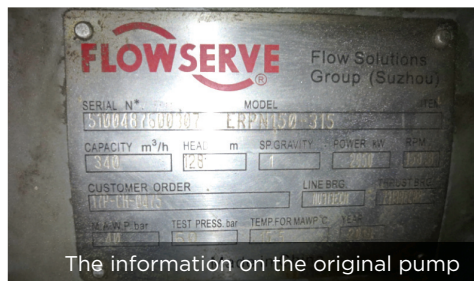


Cyclone™ Mechanical Seal for Slurries Application Case

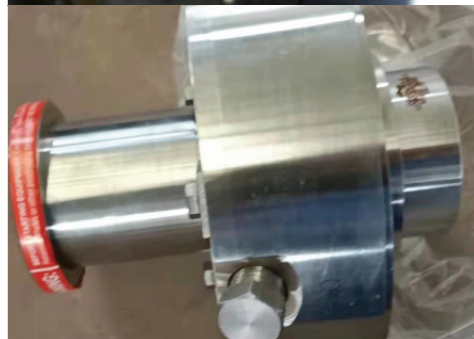
AI GI Cyclone™ Mechanical Seal in Slag Flushing Pump



The information on the original pump



The original double face mechanical seal



Installed AI GI Cyclone™ Mechanical Seal

Industries

Metallurgy

User

Angang Steel Group Limited Iron Mill
Anshan City, Liaoning Province, China



Equipment

Slag flushing pump ERP150-315

Service

- Size: 60mm
- Temperature: 50°C
- Pressure: 0.6MPa
- Speed: 2950rpm
- % Solid: 5%

Problem

User wishes to remove quench, and reduce sealing costs.

Solution

Using AI GI Cyclone Mechanical Seal Type 318cyc, SC/SC 304 FKM HC., Canceled quenching.

Performance & Results

Since installation in May 2023, it has been running continuously for about 4 months and is well sealed. This user has adopted AI GI 318cyc on other similar devices.