Garlock
an EnPro Industries family of companies

Case Study: Mining Style 204EPS

Extreme Pressure Service

CASE STUDY : Replacement of non-metallic expansion joints with Garlock Expansion Joints in extreme pressure applications.

CLIMATE OF CASE STUDY:

April - September (hot and dry in the day but very cold at night) and from October to March (rain almost every day).

INDUSTRY:

Precious Metals Mining, concentrates of copper, lead, zinc, silver and molybdenum.

1. Size: 14 "x 8.5" FF Expansion joints
2. Temperature: 40° C
3. Application:
   - Suction with lateral deviation of 1⅜"
   - Goulds Pump Vertical Pump / 14 RHMO 7 Stages / 350 HP, the 150 LPS
4. Media: Water tailings.
5. Pressure (Max): 200 psi.

OBSERVATION:

Non-metallic expansion joints were being replaced every year. Garlock Expansion Joints have been in service for 4 years and are still performing well.

VALUE PROPOSITION:

Garlock Expansion Joints offer superior performance, reliability and service life. This in turn improves plant safety, increases the mechanical integrity of equipment and allows customers to gain a competitive advantage in the market place.

For more information, please visit www.garlock.com.

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