



X-Pump Performance

X-Pump Performance automatically tracks the performance of pumps over time and forecasts performance degradation based on historic data.



Benefits

- Provides visibility of pump performance, indicating how performance has changed over time
- Forecasts performance degradation, allowing asset teams to plan maintenance effectively

Features

- Automated calculation engine to calculate head and pump efficiency
- Accurate head vs flow and pump efficiency vs flow plots
- Tracks current operating points vs historical points, highlights performance degradation
- Incorporates plant isometrics and vendor curves
- Tracks current efficiency drop from vendor curves vs running hours of pump cartridge for different flow regimes
- Forecasts performance degradation

X-Pump Performance is part of a range of AI-driven software tools designed by OPEX to help asset teams address specific business challenges.