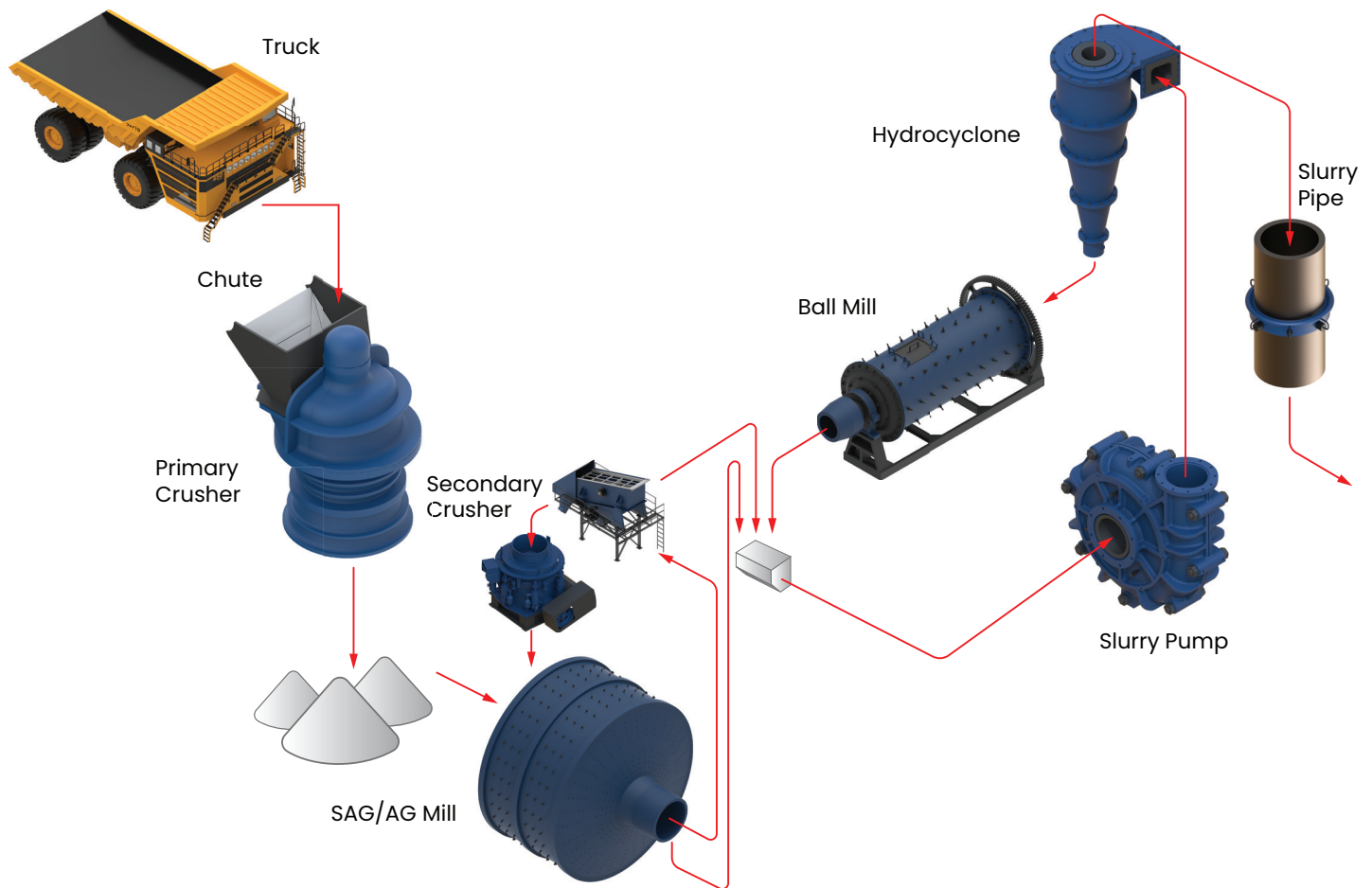


KNOW YOUR WEAR

**A real-time wear monitoring system
engineered for extreme environments.**

Wireless sensors providing real, live, actionable data points of an asset's wear.



Benefits of Wear Sensors



**Maximise
uptime**



**Redefine safety and
safety standards**



**Optimise operations and
improve productivity**



**Minimise waste and
optimise wear design**

Enquire now

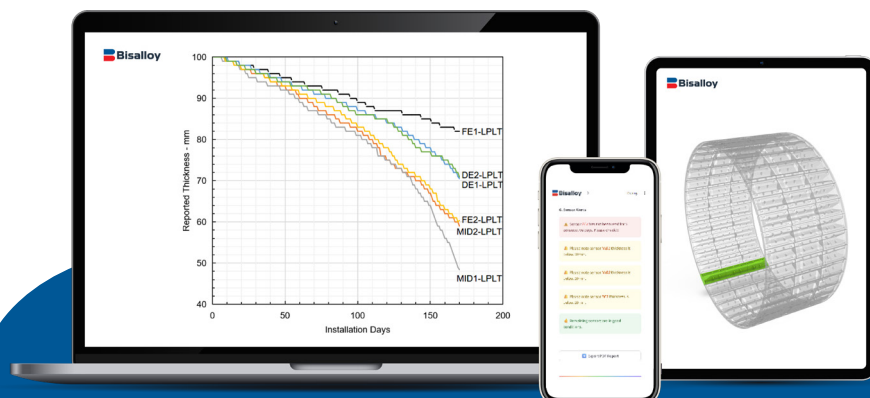
P. 1300 BISALLOY
E. solutions@bisalloydigital.com



Mills crush and grind ore into fine particles, liberating valuable minerals for extraction. The liners within these mills play a vital role, not only protecting the mill shell from heavy impact and abrasion but also enhancing grinding efficiency. Wear sensors integrated into these liners are a must in any modern smart milling operations. They enable real-time remote monitoring, predictive maintenance, and optimised liner usage and design, which improves operational efficiency, reduces downtime, and enhances safety. By delivering precise data, these sensors empower data-driven decision-making, contributing significantly to the overall performance, cost-effectiveness, and sustainability of mining operations.

The industry's **only non-conductive** wear sensor, a game-changer for slurry and wet environments. Designed to deliver precise and reliable data where conductivity often distorts readings, this groundbreaking technology is essential for maintaining data integrity in mills, slurry pumps and pipes.

- Incorporated within the liner casting
- Actionable data to optimise production
- Real-time reporting
- Seamless integration
- Array of sensors – monitor both the lifter and the plate
- Tailored for precision – our wear sensors are fit for purpose, delivering customisable solutions.



Remove the unknown – install wear sensors to know when to replace your liners and maximise your return on investment.

SPECIFICATIONS	ACTIVE
Length	25-1000mm
Probe diameter	10mm
Resolutions	>0.2mm
Graduations	0-100 *infinitely variable
Response speed	<1ms
Battery life	2 years
Cloud platform compatible	Yes
Water rating	IP67
Working temperature range	-40 ~ 85°C
Vibration	14.1g, IEC 60068-2-64:2008
Shock	10g, IEC 60068-2-6:2007
EMC - IEC	IEC 61000-4-2
EMC - ESD	IEC 61000-4-3

