

# Broken Boom Block Pin Discovered

## Safety Alert

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### Enform

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For more information on this alert, please contact: [safety@enform.ca](mailto:safety@enform.ca)

## Description of Incident:

During a pipeline construction project, half of a broken pipelayer pin was located on the ground at the worksite. After locating the appropriate pipelayer, it was determined that a pin from a 572 pipelayer had been used in the place of the appropriate 583 pin.

## What Caused It?

The pin for 572 pipelayers have a hollow grease channel through the pin, therefore operate at a lower capacity. As a result, the pin broke at some point during the operation of the 583 pipelayer. Both 572 and 583 pipelayers use the same diameter pin and can be easily confused. The pin for the 583 pipelayer is solid throughout. The difference between the two pins is not common knowledge and operators were not inspecting their equipment to confirm pin types.



View of 583 pin type

View of 572 pin type



Boom pin location

## Corrective/Preventative Actions:

- All pipelayers were inspected and confirmed to have the correct pins
- Equipment managers were notified and educated on pin differences
- Internal alert was issued and shared
- Follow up was conducted to confirm that all equipment had been inspected

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