Protecting Assets with a
World Class Reliability Focused Lubrication Program

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**Typical Maintenance Budget:**

- **Equipment & components:** 40%
- **Overtime:** 15%
- **Misc. materials:** 12%
- **Labor:** 30%
- **Lubricants:** a scant 3%
- **Lubrication-related costs:** 40%

Yep...a whopping 40% of the overall budget is impacted by your lubrication program:

- 20% of the equipment/components budget for relubrication and premature replacement
- Lubrication-related failures account for most of the 15% slated for overtime
- And up to 5% of the labor budget is spent on lube storage, handling, transfer and disposal

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Contamination

• What is a micron?

• ISO 4406 code system to determine cleanliness

• Why should you care?

• Impact on component life

• What can you do?
Why Look at Oil Purification?

The number one cause of failures is contamination of hydraulic oils and lubricating oils with dirt and water.

“Roughly 80% of hydraulic failures are the result of fluid contamination.”

1“Hydraulic Fluids: Contamination is not an Option”, Grading & Excavation Contractor, Logan, Jim; March/April 200
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