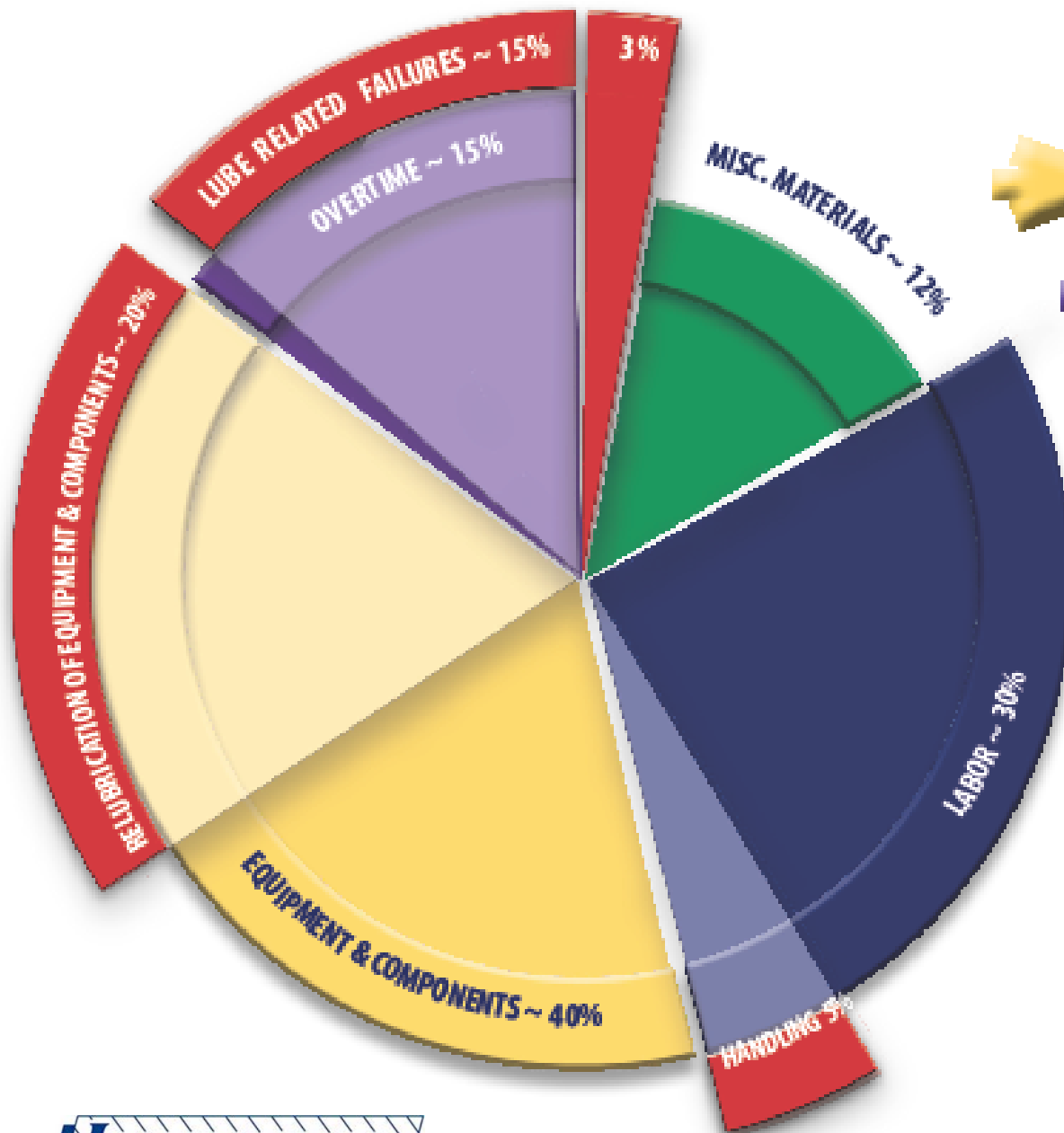




**Protecting Assets with a
World Class Reliability Focused Lubrication Program**

**David Piangerelli
STLE Certified Lubrication Specialist
Oil Monitoring Analyst I
Machinery Lubrication Technician II**

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

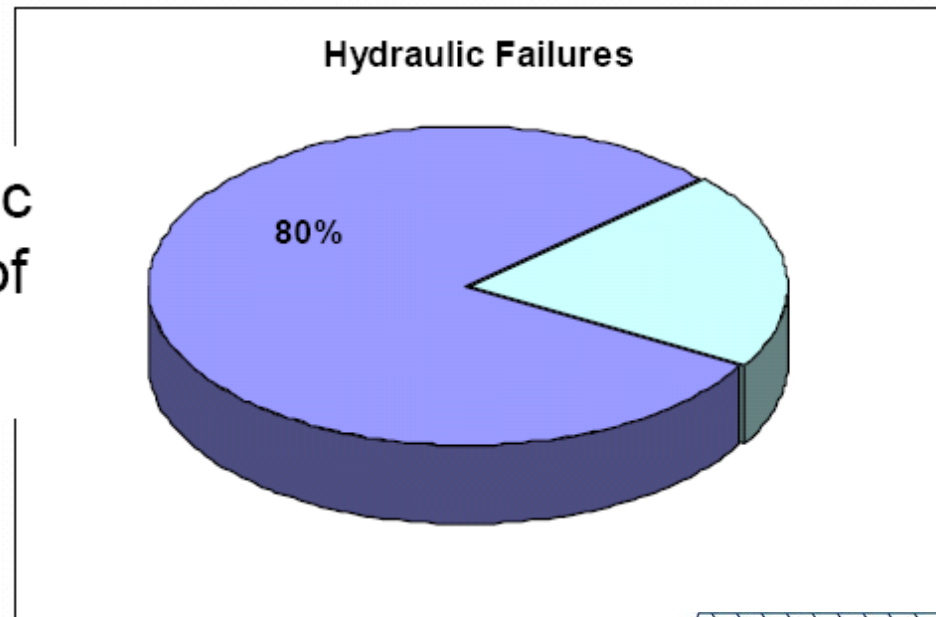
Contamination

- ☀ 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



¹“Hydraulic Fluids: Contamination is not an Option”, Grading & Excavation Contractor, Logan, Jim; March/April 2000

For the full version of this presentation please follow this link and fill out the request form:

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