WHAT REALLY BREAKS DOWN WHEN THERE'S PARTICLE CONTAMINATION?

PARTICLE CONTAMINATION ERODES MORE THAN EQUIPMENT

THINK HYDRAULIC EQUIPMENT FAILURE IS AN ISOLATED ISSUE— JUST A COST OF DOING BUSINESS? THINK AGAIN.

When machinery components break down, it puts your entire operation at risk

THE ROOT CAUSE OF FAILURE

Of lubricant-related failures in hydraulic equipment is contamination¹



Of mechanical wear is due to particle contamination²



Equipment failures are attributed to abrasion²

SWEAT THE SMALL STUFF

Foreign particles limit the ability of lubricants to perform at peak levels. In fact, particles smaller than what the naked eye can see can cause huge issues. Once inside the system, particles grind away, creating more wear and more contamination.



THERE'S MORE AT STAKE THAN A SINGLE PIECE OF EQUIPMENT

When machines are sidelined by breakdown, a business-wide chain reaction begins

WHILE THIS GOES UP

THIS GOES DOWN



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THE SOLUTION IS PREVENTION

Set a strong foundation with a certified clean lubricant to protect your operation and your bottom line

FILTRATION On-site filtration can be expensive, labor intensive

DIY

and reduce lubricant performance by over-filtering

SAVINGS When you work with a clean system to stay

90%

clean vs. cleaning up a dirty system¹

STAY CLEAN. The best way to extend equipment life is to start clean and follow

START CLEAN.

proper lubricant storage and handling practices

CALCULATION EXAMPLE

TAKE A TYPICAL EXCAVATOR HYDRAULIC SYSTEM...



Pump life 6,000 nr	S
3-YEAR MAINTENANCE COSTS	
Lubricant cost	0
Filter replacements \$30	0
Repair labor \$75	0
Lost revenue	0
= \$5,52	0
3-YEAR REPAIR COSTS Hydraulic pumps (2)	0

LEARN WHAT PARTICLE CONTAMINATION

Lubricant cost...... \$12.62 gal**

3-YEAR MAINTENANCE COSTS

Lubricant cost	\$300 \$750
3-YEAR REPAIR COSTS Hydraulic pumps (1) Repair labor Lost revenue	24 hrs = \$3,000

**Estimated price

INVEST \$1,194 MORE IN LUBRICANT COST ROL = FOR AN ESTIMATED SAVINGS OF \$16,306 +1300%



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