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



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



FUTURE OPPORTUNITIES COMPANY REPUTATION EMPLOYEE MORALE PRODUCTIVITY PROFIT TRUST



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

THE SOLUTION IS PREVENTION

DIY **FILTRATION** On-site filtration can be expensive, labor intensive

and reduce lubricant performance by over-filtering

90% SAVINGS When you work with a clean system to stay

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...



Lubricant cost	
Pump life	6,000 hrs
3-YEAR MAINTENANCE COSTS	
Lubricant cost	\$2,970
Filter replacements	
Repair labour	\$750
Lost revenue	\$1,500
	= \$5,520
3-YEAR REPAIR COSTS	
Hydraulic pumps (2)	\$17,000
Repair labour	48 hrs = \$6,000
Lost revenue	. 48 hrs = \$12,000
	= \$35,000

LEARN WHAT PARTICLE CONTAMINATION

Lubricant cost...... \$12.62 gal** Pump life12,000 hrs

3-YEAR MAINTENANCE COSTS	
Lubricant cost	\$4,164
Filter replacements	\$300
Repair labour	\$750
Lost revenue	\$1,500
	= \$6,714
3-YEAR REPAIR COSTS	
Hydraulic pumps (1)	\$8,500
Repair labour24 hrs	s = \$3,000

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





= \$17,500

CERTIFIED \