

OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

Area Dero Enterprise - D03600 Machine Id A2310115

Component Hydraulic System Fluid AW HYDRAULIC OIL ISO 46 (--- GAL)

DIAGNOSIS

Recommendation

This is a baseline read-out on the submitted sample.

📥 Wear

Copper and iron ppm levels are noted.

Contamination {not applicable}

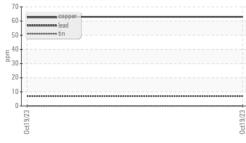
Fluid Condition {not applicable}

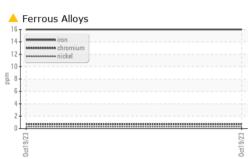
SAMPLE INFORMATION method limit/base current history1 history2 Batch # Client Info A2310 0080 Machine ID Client Info A2310115 Sample From Client Info Machine Sample From Client Info Initial Sample Number Client Info 19/0ct 2023 Sample Date Client Info 0 Sample Number Client Info 0 Sample Status Imit/base current history1 history2 Oil Charged hrs Client Info 0 Sample Status Imit/base current history1 history2 Iron ppm ASIM 05155m >20 16 Sample Status ppm ASIM 05155m >10 Iron ppm					Oct2023		
Machine ID Client Info A2310115 Department Client Info Production Sample From Client Info Machine Sample From Client Info Initial Sample Number Client Info 10/20/2023 Sample Date Client Info 19 Oct 2023 Machine Age hrs Client Info 0 Oil Age hrs Client Info N/A Oil Age hrs Client Info N/A Sample Status Imitial WEAR METALS method Imitizal Client Info N/A Strib Distion >-20 ATTENTION Oil Age hrs Strib Distion >-20 ATTENTION	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
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Production Stage Client Info Initial Sent to WC Client Info 10/20/2023 Sample Number Client Info 19 Oct 2023 Machine Age hrs Client Info 0 Machine Age hrs Client Info 0 Oil Age hrs Client Info N/A Oil Age hrs Client Info N/A Sample Status Imathibits Current History1 History2 Iron ppm ASTM D5185(m) >20 16 Nickel ppm ASTM D5185(m) >10 <1	Department		Client Info		Production		
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Machine Age hrs Client Info 0 Oil Age hrs Client Info 0 Sample Status Client Info N/A WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >20 ▲ 16 Chromium ppm ASTM D5185(m) >10 <1	Sample Number		Client Info		E30000567		
Oil Age hrs Client Info 0 Sample Status Client Info N/A WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >20 A 16 Chromium ppm ASTM D5185(m) >10 <1	Sample Date		Client Info		19 Oct 2023		
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CadmiumppmASTM D5185(m)0ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185(m)52BariumppmASTM D5185(m)5<1					-		
ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185(m)52BariumppmASTM D5185(m)5<1					-		
Boron ppm ASTM D5185(m) 5 2 Barium ppm ASTM D5185(m) 5 <1	Cadmium	ppm	ASTM D5185(m)		0		
Barium ppm ASTM D5185(m) 5 <1 Molybdenum ppm ASTM D5185(m) 5 0 Manganese ppm ASTM D5185(m) 5 0 Magnesium ppm ASTM D5185(m) 25 63 Calcium ppm ASTM D5185(m) 200 85 Calcium ppm ASTM D5185(m) 300 566 Phosphorus ppm ASTM D5185(m) 370 600 Sulfur ppm ASTM D5185(m) 2500 2043 Lithium ppm ASTM D5185(m) 2500 2043 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >15 8 Sodium ppm </td <td>ADDITIVES</td> <td></td> <td>method</td> <td>limit/base</td> <td>current</td> <td>history1</td> <td>history2</td>	ADDITIVES		method	limit/base	current	history1	history2
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Magnesium ppm ASTM D5185(m) 25 63 Calcium ppm ASTM D5185(m) 200 85 Phosphorus ppm ASTM D5185(m) 300 566 Zinc ppm ASTM D5185(m) 370 600 Sulfur ppm ASTM D5185(m) 2500 2043 Lithium ppm ASTM D5185(m) 2500 2043 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >15 8 Sodium ppm ASTM D5185(m) >15 3	Molybdenum	ppm	ASTM D5185(m)	5	0		
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Zinc ppm ASTM D5185(m) 370 600 Sulfur ppm ASTM D5185(m) 2500 2043 Lithium ppm ASTM D5185(m) <1		ppm					
Sulfur ppm ASTM D5185(m) 2500 2043 Lithium ppm ASTM D5185(m) 2500 2043 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >15 8 Sodium ppm ASTM D5185(m) 3	Phosphorus	ppm					
Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >15 8 Sodium ppm ASTM D5185(m) >15 8							
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Silicon ppm ASTM D5185(m) >15 8 Sodium ppm ASTM D5185(m) 3	Lithium	ppm	ASTM D5185(m)		<1		
Sodium ppm ASTM D5185(m) 3	CONTAMINANTS		method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185(m)	>15	8		
Potassium ppm ASTM D5185(m) >20 0	Sodium	ppm	ASTM D5185(m)		3		
	Potassium	ppm	ASTM D5185(m)	>20	0		



OIL ANALYSIS REPORT

Non-ferrous Metals





bpm

bpm

10 0

0ct19/23

VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE		
Yellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	NONE		
Silt	scalar	Visual*	NONE	NONE		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color				no image	no image
Bottom			Constant of the second se	no image	no image
GRAPHS					
Ferrous Alloys		Oct19/23			
Non-ferrous Metals					

0ct19/23

