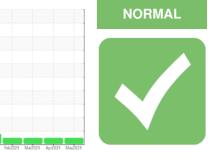


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

JOHN DEERE 624L 624L UNIT 6

Hydraulic System

{not provided} (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please note that this is a corrected copy for laboratory data updates.

Wear

All component wear rates are normal.

Contamination

The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the fluid.

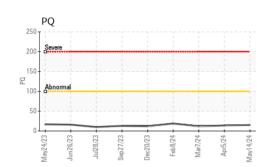
Fluid Condition

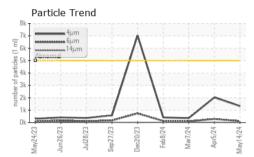
The AN level is acceptable for this fluid. The condition of the fluid is suitable for further service.

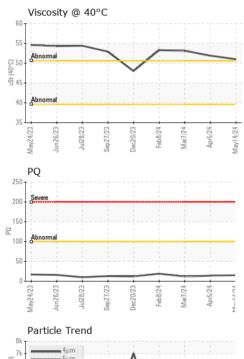
Sample NumberClient InfoPE0003797PE0003814PE0003814PE0003814Sample DateClient Info14 May 202405 Apr 202407 Mar 2024Machine AgehrsClient Info716569346725Oil AgehrsClient InfoNAN/ANASample StatusClient InfoNAN/ANACONTAMINATIONmethodimit/basecurrenthistory2WaterWC Method>0.1NEGNEGWearWC Method>0.1NEGNEGPQASTM D8184151412IronppmASTM 05155>2053ChromiumppmASTM 05155>1044SilverppmASTM 05155<100ItaniumppmASTM 05155>10<10<1LeadppmASTM 05155>10<10<1LeadppmASTM 05155>10<1<1<1VanadiumppmASTM 05155>10<1<1<1LeadppmASTM 05155>10<1<1<1SilverppmASTM 05155>10<1<1<1VanadiumppmASTM 05155<10<1<1VanadiumppmASTM 05155<10<1<1VanadiumppmASTM 05155<1<1<1<1VanadiumppmASTM 05155 </th <th>SAMPLE INFORM</th> <th>IATION</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 7377 7165 6934 Oil Age hrs Client Info 7165 6934 6725 Oil Changed Client Info N/A N/A N/A Sample Status Client Info N/A N/A N/A Sample Status Client Info N/A N/A N/A Vater WC Method >0.1 NEG NEG NEG Water WC Method >0.1 NEG NEG NEG PQ ASTM D5185m >20 5 3 6 Chromium ppm ASTM D5185m >10 0 0 Titanium ppm ASTM D5185m >10 0 <1 1 Silver ppm ASTM D5185m >10 <1 0 <1 Cadmium ppm ASTM D5185m >75 <1 0 <1 Cadmium ppm ASTM D5185m 0 <1 <1 <1 Vanad	Sample Number		Client Info		PE0003797	PE0003814	PE0003831
Oil Age hrs Client Info 7165 6934 6725 Oil Changed Client Info N/A N/A N/A Sample Status Imit/base current NIstory1 Nistory2 Water WC Method >0.1 NEG NEG NEG Water WC Method >0.1 NEG NEG NEG PQ ASTM 05185m 20 5 3 6 Chromium ppm ASTM 05185m >10 4 4 5 Nickel ppm ASTM 05185m >10 4 0 -1 Silver ppm ASTM 05185m >10 4 0 -1 Itanium ppm ASTM 05185m >10 <1 0 -1 Copper ppm ASTM 05185m >10 <1 0 0 -1 Cadadium ppm ASTM 05185m <1 0 0 -1 -1 Cadadium ppm	Sample Date		Client Info		14 May 2024	05 Apr 2024	07 Mar 2024
Oil Changed Client Info N/A N/A N/A N/A Sample Status method limit/base current history1 history2 Water WC Method >0.1 NEG NEG NEG NEG WEAR METALS method limit/base current history1 history2 PQ ASTM D8184 15 14 12 Iron ppm ASTM D8186 >0 4 5 Othomium ppm ASTM D8186 <1	Machine Age	hrs	Client Info		7377	7165	6934
Sample Status NORMAL NORMAL NORMAL NORMAL NORMAL CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history2 PQ ASTM D8168m >20 5 3 6 Chromium ppm ASTM D5168m >10 4 4 5 Nickel ppm ASTM D5168m >10 0 0 1 Nickel ppm ASTM D5168m >10 <1 0 1 Silver ppm ASTM D5168m >10 <1 0 <1 Copper ppm ASTM D5168m >10 <1 0 <1 Vanadium ppm ASTM D5168m 0 0 <1 <1 Vanadium ppm ASTM D5168m 0 <1 <1 <1	Oil Age	hrs	Client Info		7165	6934	6725
CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG NEG NEG WEAR METALS method limit/base current history1 history2 PQ ASTM D8184 15 14 12 for ron ppm ASTM D5185m >10 4 4 5 Nickel ppm ASTM D5185m >10 0 0 0 Silver ppm ASTM D5185m >10 <1 0 <1 Lead ppm ASTM D5185m >10 <1 0 <1 Copper ppm ASTM D5185m >10 <1 0 <1 Vanadium ppm ASTM D5185m >10 <1 <1 <1 Vanadium ppm ASTM D5185m 0 <1 <1 <1 Vanadium ppm ASTM D5185m 0 <1 <1 1 <t< th=""><th>Oil Changed</th><th></th><th>Client Info</th><th></th><th>N/A</th><th>N/A</th><th>N/A</th></t<>	Oil Changed		Client Info		N/A	N/A	N/A
Water WC Method<>0.1 NEG NEG NEG NEG WEAR METALS method limit/base current history1 history2 PQ ASTM D8164 15 14 12 Iron ppm ASTM D5185m >10 4 4 5 Nickel ppm ASTM D5185m >10 0 0 0 Titanium ppm ASTM D5185m <1 0 <1 0 Silver ppm ASTM D5185m <10 <1 0 <1 Lead ppm ASTM D5185m >10 <1 0 <1 Vanadium ppm ASTM D5185m >10 <1 <1 <1 Vanadium ppm ASTM D5185m 0 0 <1 <1 Vanadium ppm ASTM D5185m 0 <1 <1 <1 Vanadium ppm ASTM D5185m 0 <1 <1 <1 Vanadi	Sample Status				NORMAL	NORMAL	NORMAL
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PQ ASTM D8184 15 14 12 tron ppm ASTM D5185m >20 5 3 6 Chromium ppm ASTM D5185m >10 4 4 5 Nickel ppm ASTM D5185m >10 0 0 0 Titanium ppm ASTM D5185m <10	Water		WC Method	>0.1	NEG	NEG	NEG
tron ppm ASTM D5185m >20 5 3 6 Chromium ppm ASTM D5185m >10 4 4 5 Nickel ppm ASTM D5185m >10 0 0 0 Titanium ppm ASTM D5185m <1 0 0 0 Aluminum ppm ASTM D5185m >10 <1 0 <1 Lead ppm ASTM D5185m >10 <1 0 <1 Copper ppm ASTM D5185m >75 <1 0 <1 1 <1 <1 <1 <1 1 <1 1 <1 1 <1 1 <1 1 1 <1 1	WEAR METALS		method	limit/base	current	history1	history2
Chromium ppm ASTM D5185m >10 4 4 5 Nickel ppm ASTM D5185m >10 0 0 0 Titanium ppm ASTM D5185m <1	PQ		ASTM D8184		15	14	12
Nickel ppm ASTM D5185m >10 0 0 0 0 Titanium ppm ASTM D5185m <1 0 <1 Silver ppm ASTM D5185m >10 <1 0 <1 Lead ppm ASTM D5185m >10 <1 0 <1 Copper ppm ASTM D5185m >75 <1 0 <1 Copper ppm ASTM D5185m >75 <1 0 <1 Vanadium ppm ASTM D5185m >10 <1 <1 <1 <1 Vanadium ppm ASTM D5185m 0 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	Iron	ppm	ASTM D5185m	>20	5	3	6
Nickel ppm ASTM D5185m >10 0 0 0 Titanium ppm ASTM D5185m <1 0 <1 Silver ppm ASTM D5185m >10 <1 0 <1 Aluminum ppm ASTM D5185m >10 <1 0 <1 Lead ppm ASTM D5185m >10 <1 0 <1 Copper ppm ASTM D5185m >10 <1 <1 <1 Vanadium ppm ASTM D5185m >10 <1 <1 <1 <1 Vanadium ppm ASTM D5185m 0 <1 <1 <1 <1 Cadmium ppm ASTM D5185m 0 <1 <1 <1 <1 Barium ppm ASTM D5185m <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Chromium		ASTM D5185m	>10	4	4	5
Titanium ppm ASTM D5185m <1	Nickel		ASTM D5185m	>10	0	0	0
Silver ppm ASTM D5185m <1	Titanium		ASTM D5185m				<1
Aluminum ppm ASTM D5185m >10 <1	Silver				<1		
Lead ppm ASTM D5185m >10 <1				>10			
Copper ppm ASTM D5185m >75 <1	Lead		ASTM D5185m	>10			<1
Tin ppm ASTM D5185m >10 <1	Copper				<1		
Vanadium ppm ASTM D5185m 0 0 <1				>10			
Cadmium ppm ASTM D5185m <1							
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 <1 <1 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m <1 0 <1 Manganese ppm ASTM D5185m <1 <1 <1 Magnesium ppm ASTM D5185m <1 <1 <1 Calcium ppm ASTM D5185m 3 9 1 Calcium ppm ASTM D5185m 717 762 685 Zinc ppm ASTM D5185m 2470 2520 2045 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 0 0 0 PtLUID CLEANLINESS method limit/base curre							
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Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m <1 0 <1 Manganese ppm ASTM D5185m <1 <1 <1 Magnesium ppm ASTM D5185m 3 9 1 Calcium ppm ASTM D5185m 3 9 1 Calcium ppm ASTM D5185m 3 9 1 Calcium ppm ASTM D5185m 3 9 3 Zinc ppm ASTM D5185m 717 762 685 Zinc ppm ASTM D5185m 2470 2520 2045 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 0 0 0 Patricles >4µm ASTM D5185m >20 0 0 0<	ADDITIVES		method	limit/base		nistory i	nistory2
Molybdenum ppm ASTM D5185m <1	Davas				•		-
Manganese pm ASTM D5185m <1						<1	
Magnesium ppm ASTM D5185m 3 9 1 Calcium ppm ASTM D5185m 1066 1018 543 Phosphorus ppm ASTM D5185m 717 762 685 Zinc ppm ASTM D5185m 823 923 723 Sulfur ppm ASTM D5185m 2470 2520 2045 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 3 3 3 Potassium ppm ASTM D5185m >20 0 0 0 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 1328 2027 361 Particles >6µm	Barium	ppm	ASTM D5185m		0	<1 0	0
Calcium ppm ASTM D5185m 1066 1018 543 Phosphorus ppm ASTM D5185m 717 762 685 Zinc ppm ASTM D5185m 823 923 723 Sulfur ppm ASTM D5185m 2470 2520 2045 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 3 3 3 Potassium ppm ASTM D5185m >20 0 0 0 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 1328 2027 361 Particles >6µm ASTM D7647 >1300 119 288 100 Particles >14µm ASTM D7647 >160 8 17 19 Particles >21µm	Barium Molybdenum	ppm ppm	ASTM D5185m ASTM D5185m		0 <1	<1 0 0	0 <1
Phosphorus ppm ASTM D5185m 717 762 685 Zinc ppm ASTM D5185m 823 923 723 Sulfur ppm ASTM D5185m 2470 2520 2045 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 3 3 3 Potassium ppm ASTM D5185m >20 0 0 0 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 1328 2027 361 Particles >6µm ASTM D7647 >1300 119 288 100 Particles >14µm ASTM D7647 >160 8 17 19 Particl	Barium Molybdenum Manganese	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1	<1 0 0 <1	0 <1 <1
Zinc ppm ASTM D5185m 823 923 723 Sulfur ppm ASTM D5185m 2470 2520 2045 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 0 0 2 Potassium ppm ASTM D5185m >20 0 0 0 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 1328 2027 361 Particles >6µm ASTM D7647 >1300 119 288 100 Particles >14µm ASTM D7647 >40 3 4 4 Particles >38µm ASTM D7647 >10 0 0 0 Particles >71	Barium Molybdenum Manganese Magnesium	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1 3	<1 0 0 <1 9	0 <1 <1 1
Sulfur ppm ASTM D5185m 2470 2520 2045 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 0 0 2 Potassium ppm ASTM D5185m >20 0 0 0 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 1328 2027 361 Particles >6µm ASTM D7647 >1300 119 288 100 Particles >14µm ASTM D7647 >160 8 17 19 Particles >21µm ASTM D7647 >40 3 4 4 Particles >38µm ASTM D7647 >10 0 0 0 Partic	Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1 3 1066	<1 0 0 <1 9 1018	0 <1 <1 1 543
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 3 3 3 Potassium ppm ASTM D5185m >20 0 0 2 Potassium ppm ASTM D5185m >20 0 0 0 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 1328 2027 361 Particles >6µm ASTM D7647 >1300 119 288 100 Particles >14µm ASTM D7647 >160 8 17 19 Particles >21µm ASTM D7647 >40 3 4 4 Particles >38µm ASTM D7647 >10 0 0 0 Particles >71µm ASTM D7647 >3 0 0 0	Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1 3 1066 717	<1 0 0 <1 9 1018 762	0 <1 <1 1 543 685
Silicon ppm ASTM D5185m >20 3 3 3 Sodium ppm ASTM D5185m >20 3 3 3 Potassium ppm ASTM D5185m >20 0 0 2 PtUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 1328 2027 361 Particles >6µm ASTM D7647 >1300 119 288 100 Particles >6µm ASTM D7647 >160 8 17 19 Particles >21µm ASTM D7647 >40 3 4 4 Particles >38µm ASTM D7647 >10 0 0 0 Particles >71µm ASTM D7647 >3 0 0 0	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1 3 1066 717 823	<1 0 0 <1 9 1018 762 923	0 <1 <1 1 543 685 723
Sodium ppm ASTM D5185m <1	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1 3 1066 717 823	<1 0 0 <1 9 1018 762 923	0 <1 <1 1 543 685 723
Potassium ppm ASTM D5185m >20 0 0 0 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 1328 2027 361 Particles >6µm ASTM D7647 >1300 119 288 100 Particles >6µm ASTM D7647 >160 8 17 19 Particles >14µm ASTM D7647 >40 3 4 4 Particles >21µm ASTM D7647 >10 0 0 0 Particles >38µm ASTM D7647 >3 0 0 0	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 <1 <1 3 1066 717 823 2470 current	<1 0 0 <1 9 1018 762 923 2520 history1	0 <1 <1 1 543 685 723 2045 history2
FLUID CLEANLINESS method limit/base current history1 history2 Particles >4μm ASTM D7647 >5000 1328 2027 361 Particles >6μm ASTM D7647 >1300 119 288 100 Particles >6μm ASTM D7647 >160 8 17 19 Particles >14μm ASTM D7647 >40 3 4 4 Particles >21μm ASTM D7647 >10 0 0 0 Particles >38μm ASTM D7647 >3 0 0 0	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1 3 1066 717 823 2470 current	<1 0 0 <1 9 1018 762 923 2520 history1	0 <1 <1 1 543 685 723 2045 history2
Particles >4μm ASTM D7647 >5000 1328 2027 361 Particles >6μm ASTM D7647 >1300 119 288 100 Particles >14μm ASTM D7647 >160 8 17 19 Particles >21μm ASTM D7647 >40 3 4 4 Particles >38μm ASTM D7647 >10 0 0 0 Particles >71μm ASTM D7647 >3 0 0 0	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1 3 1066 717 823 2470 current 3	<1 0 0 <1 9 1018 762 923 2520 history1 3	0 <1 <1 543 685 723 2045 history2 3
Particles >6μm ASTM D7647 >1300 119 288 100 Particles >14μm ASTM D7647 >160 8 17 19 Particles >21μm ASTM D7647 >40 3 4 4 Particles >38μm ASTM D7647 >10 0 0 0 Particles >71μm ASTM D7647 >3 0 0 0	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m	>20	0 <1 <1 3 1066 717 823 2470 current 3 <1	<1 0 0 <1 9 1018 762 923 2520 history1 3 0	0 <1 <1 543 685 723 2045 history2 3 2
Particles >14μm ASTM D7647 >160 8 17 19 Particles >21μm ASTM D7647 >40 3 4 4 Particles >38μm ASTM D7647 >10 0 0 0 Particles >71μm ASTM D7647 >3 0 0 0	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	>20 >20	0 <1 <1 3 1066 717 823 2470 current 3 <1 0	<1 0 0 <1 9 1018 762 923 2520 history1 3 0 0	0 <1 <1 1 543 685 723 2045 history2 3 2 0
Particles >21μm ASTM D7647 >40 3 4 4 Particles >38μm ASTM D7647 >10 0 0 0 Particles >71μm ASTM D7647 >3 0 0 0	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	>20 >20 limit/base	0 <1 <1 3 1066 717 823 2470 current 3 <1 0 current	<1 0 0 <1 9 1018 762 923 2520 history1 3 0 0 0	0 <1 <1 543 685 723 2045 history2 3 2 0 history2
Particles >38μm ASTM D7647 >10 0 0 0 Particles >71μm ASTM D7647 >3 0 0 0	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	>20 >20 limit/base >5000	0 <1 <1 3 1066 717 823 2470 current 3 <1 0 current 1328	<1 0 0 <1 9 1018 762 923 2520 history1 3 0 0 0 history1 2027	0 <1 <1 1 543 685 723 2045 history2 3 2 0 history2 3 2 0 history2
Particles >71µm ASTM D7647 >3 0 0 0	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >6µm	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m	>20 >20 limit/base >5000 >1300	0 <1 <1 3 1066 717 823 2470 current 3 <1 0 current 1328 119	<1 0 0 1 1 1 9 1 018 762 923 2520 history1 3 0 0 0 history1 2027 288	0 <1 <1 1 543 685 723 2045 history2 3 2 0 history2 361 100
Particles >71μm ASTM D7647 >3 0 0 0	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >14µm	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D7647 ASTM D7647 ASTM D7647	>20 >20 limit/base >5000 >1300 >160	0 <1 <1 3 1066 717 823 2470 current 3 <1 0 current 1328 119 8	<1 0 0 1018 762 923 2520 history1 3 0 0 0 history1 2027 288 17	0 <1 <1 1 543 685 723 2045 history2 3 2 0 history2 3 61 100 19
	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >14µm Particles >21µm	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D7647 ASTM D7647 ASTM D7647	>20 >20 limit/base >5000 >1300 >160 >40	0 <1 <1 3 1066 717 823 2470 current 3 <1 0 current 1328 119 8 3	<1 0 0 <1 9 1018 762 923 2520 history1 3 0 0 0 history1 2027 288 17 4	0 <1 <1 1 543 685 723 2045 history2 3 2 0 history2 361 100 19 4
	Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium FLUID CLEANLIN Particles >4µm Particles >14µm Particles >21µm Particles >38µm	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5617 ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	>20 >20 limit/base >5000 >1300 >160 >40 >10	0 <1 <1 3 1066 717 823 2470 current 3 <1 0 current 1328 119 8 3 0	<1 0 0 1 1 1 9 1018 762 923 2520 history1 3 0 0 1 2027 288 17 4 0	0 <1 <1 543 685 723 2045 history2 3 2 0 history2 361 100 19 4 0

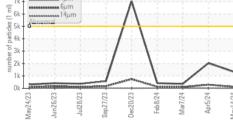


OIL ANALYSIS REPORT









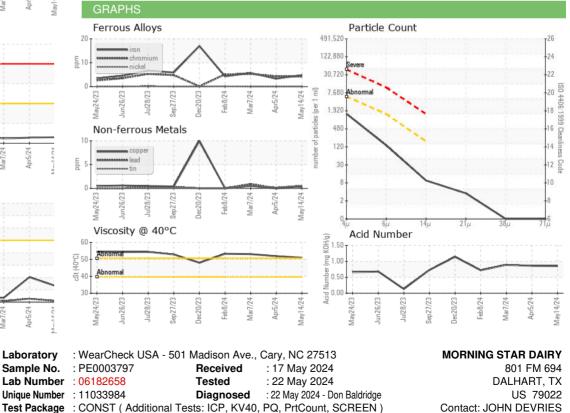


FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.85	0.86	0.89
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		51.0	51.9	53.1
SAMPLE IMAGES	5	method	limit/base	current	history1	history2

Color



Bottom



To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: MORDAL [WUSCAR] 06182658 (Generated: 05/22/2024 16:18:05) Rev: 2

Certificate 12367

Submitted By: ROCHELLE MENDOZA

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