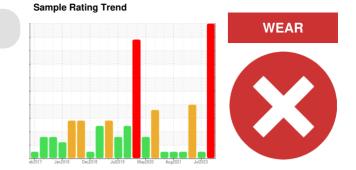
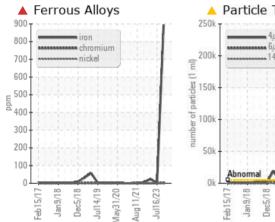


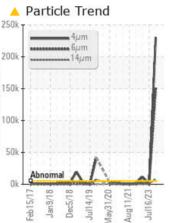
PROBLEM SUMMARY

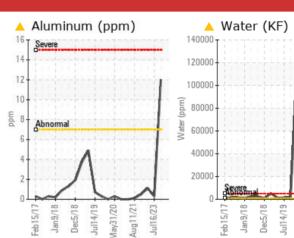


Machine Id VAC Component Pump Fluid USPI VAC 100 (--- GAL)

COMPONENT CONDITION SUMMARY







RECOMMENDATION

We recommend you service the filters on this component. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS							
Sample Status				SI	EVERE	NORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>90		895	1	23
Aluminum	ppm	ASTM D5185m	>7		12	<1	1
Water	%	ASTM D6304	>.1		0.132	0.041	0.109
ppm Water	ppm	ASTM D6304	>1000		1325	414.4	1 091.3
Particles >4µm		ASTM D7647	>5000		230547	1484	11068
Particles >6µm		ASTM D7647	>1300		149839	459	<u> </u>
Particles >14µm		ASTM D7647	>160		8642	23	<u> </u>
Particles >21µm		ASTM D7647	>40		1638	5	<u> </u>
Particles >38µm		ASTM D7647	>10		95	0	<u> </u>
Particles >71µm		ASTM D7647	>3		5	0	1
Oil Cleanliness		ISO 4406 (c)	>19/17/14		25/24/20	18/16/12	1 /19/15
Particles >14μm Particles >21μm Particles >38μm Particles >71μm		ASTM D7647 ASTM D7647 ASTM D7647 ASTM D7647	>160 >40 >10 >3		8642 1638 95 5	23 5 0 0	 ▲ 238 ▲ 90 ▲ 12 1

Customer Id: JBSBEA Sample No.: USPM36822 Lab Number: 06159151 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Doug Bogart +1 (800)237-1369 x4016 dougb@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com Aug11/21

Jul16/23

May31/20

RECOM	IENDED) ACTIONS

Action	Status	Date	Done By	Description
Inspect Wear Source			?	We advise that you inspect for the source(s) of wear.
Change Filter			?	We recommend you service the filters on this component.
Resample			?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS



16 Jul 2023 Diag: Doug Bogart

Resample at the next service interval to monitor.All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. An increase in the viscosity is noted. Confirmed. The AN level is acceptable for this fluid.



view report



17 Nov 2022 Diag: Doug Bogart

We recommend you service the filters on this component. Resample at the next service interval to monitor.All component wear rates are normal. There is a high amount of particulates present in the oil. There is a trace of moisture present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

27 Feb 2022 Diag: Doug Bogart



Resample at the next service interval to monitor.All component wear rates are normal. The amount and size of particulates present in the system are acceptable. There is no indication of any contamination in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.







OIL ANALYSIS REPORT

Sample Rating Trend

WEAR

Machine Id VAC 1178644-4 NORTH (S/N 5588349) Pump

Fluid USPI VAC 100 (--- GAL)

DIAGNOSIS

A Recommendation

We recommend you service the filters on this component. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

A Wear

Gear wear is indicated.

Contamination

There is a high amount of particulates present in the oil. There is a light concentration of water present in the oil.

Fluid Condition

The AN level is acceptable for this fluid.

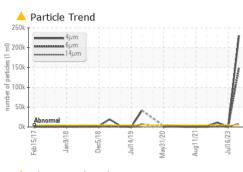
Sample Date Client Info 23 Apr 2024 16 Jul 2023 17 Nov 2022 Machine Age hrs Client Info 0 0 0 Oil Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A N/A Sample Status method Imit/base current history1 history2 Iron ppm ASTM 05185n >90 & 895 1 23 Oncol 0 0 0 0 0 0 Nickel ppm ASTM 05185n >5 0 0 0 Olickel ppm ASTM 05185n >3 0 0 0 Aluminum ppm ASTM 05185n >12 <1	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 0 0 0 0 Oil Age hrs Client Info NA N/A N/A Sample Status Client Info N/A N/A N/A ABNORMAL WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM D5185m >5 0 0 0 Nickel ppm ASTM D5185m >5 0 0 0 Silver ppm ASTM D5185m >3 0 -1 0 Copper ppm ASTM D5185m >2 -1 0 0 Vanadium ppm ASTM D5185m >2 -1 0 -1 Lead ppm ASTM D5185m >2 -1 0 -1 Antimony ppm ASTM D5185m 0 0 -1 0 Antimony ppm ASTM D5185m 0 0 0 0	Sample Number		Client Info		USPM36822	USPM27381	USPM23646
Old Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A N/A Sample Status method limi/base current history1 history2 Iron ppm ASTM D5185m >5 2 0 0 Nickel ppm ASTM D5185m >5 0 0 0 Nickel ppm ASTM D5185m >5 0 0 0 Aluminum ppm ASTM D5185m >3 0 0 0 Aluminum ppm ASTM D5185m >3 0 0 0 Aluminum ppm ASTM D5185m >3 0 0 0 Cadadium ppm ASTM D5185m >3 0 0 0 0 Adminum ppm ASTM D5185m 9 <1	Sample Date		Client Info		23 Apr 2024	16 Jul 2023	17 Nov 2022
Oil Changed Sample Status Client Info N/A N/A N/A N/A WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM D5185m >90 A 895 1 23 Chromium ppm ASTM D5185m >5 0 0 0 Nickel ppm ASTM D5185m >5 0 0 0 Nickel ppm ASTM D5185m >3 0 <11	Machine Age	hrs	Client Info		0	0	0
Oil Changed Client Info N/A N/A N/A Sample Status Image: content image:	Oil Age	hrs	Client Info		0	0	0
Sample Status SEVERE NORMAL ABNORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >90 & 895 1 23 Chromium ppm ASTM D5185m >5 2 0 0 Nickel ppm ASTM D5185m >5 0 0 0 Titanium ppm ASTM D5185m >3 0 <1	-		Client Info		N/A	N/A	N/A
Iron ppm ASTM D5185m >90 ▲ 895 1 23 Chromium ppm ASTM D5185m >5 0 0 0 Nickel ppm ASTM D5185m >5 0 0 0 Silver ppm ASTM D5185m >3 0 <1	U				SEVERE	NORMAL	ABNORMAL
Chromium ppm ASTM D5185m >5 Q 0 0 Nickel ppm ASTM D5185m >5 0 0 0 Silver ppm ASTM D5185m >3 0 <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel ppm ASTM D5185m >5 0 0 0 Titanium ppm ASTM D5185m >3 0 <1	Iron	ppm	ASTM D5185m	>90	A 895	1	23
Imanue ppm ASTM D5185m >3 0 <1 0 Silver ppm ASTM D5185m >3 0 0 0 Aluminum ppm ASTM D5185m >3 0 0 0 Copper ppm ASTM D5185m >30 <1	Chromium	ppm	ASTM D5185m	>5	2	0	0
Titanium ppm ASTM D5185m >3 0 <1 0 Silver ppm ASTM D5185m >3 0 0 0 Auminum ppm ASTM D5185m >7 ▲ 12 <1	Nickel	ppm	ASTM D5185m	>5	0	0	0
Silver ppm ASTM D5185m >3 0 0 0 Aluminum ppm ASTM D5185m >7 ▲ 12 <1	Titanium		ASTM D5185m	>3	0	<1	0
Aluminum ppm ASTM D5185m >7 ▲ 12 <1 1 Lead ppm ASTM D5185m >12 <1	Silver		ASTM D5185m	>3	0	0	0
Lead ppm ASTM D5185m >12 <1 0 0 Copper ppm ASTM D5185m >30 <1	Aluminum		ASTM D5185m	>7	<u> </u>	<1	1
Copper ppm ASTM D5185m >30 <1 0 <1 Tin ppm ASTM D5185m >9 <1							
Tin ppm ASTM D5185m >9 <1 0 <1 Antimony ppm ASTM D5185m Vanadium ppm ASTM D5185m 0 <1 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 2 <1 1 Barium ppm ASTM D5185m 0 0 0 0 0 Magnesium ppm ASTM D5185m 0 1 0 0 0 Calcium ppm ASTM D5185m 0 1243 1026 950 Zinc ppm ASTM D5185m 0 17 19 184 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 20 1 0 0 0 Sodium ppm ASTM D5185m 20<							÷
Antimony ppm ASTM D5185m Vanadium ppm ASTM D5185m 0 <1							
Vanadium ppm ASTM D5185m 0 <1 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 2 <1							
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 2 <1 1 Barium ppm ASTM D5185m 0 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 0 Manganese ppm ASTM D5185m 0 1 0 0 Galcium ppm ASTM D5185m 0 1 0 0 Calcium ppm ASTM D5185m 0 1 0 0 Calcium ppm ASTM D5185m 0 11 0 7 Sulfur ppm ASTM D5185m 0 11 0 7 Sulfur ppm ASTM D5185m 0 11 0 7 Sulfur ppm ASTM D5185m 20 1 0							
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Boron ppm ASTM D5185m 0 2 <1 1 Barium ppm ASTM D5185m 0 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 0 Manganese ppm ASTM D5185m 0 1 0 0 Magnesium ppm ASTM D5185m 0 1 0 0 Calcium ppm ASTM D5185m 0 7 0 0 Calcium ppm ASTM D5185m 0 11 0 7 Stlifur ppm ASTM D5185m 0 11 0 7 Sulfur ppm ASTM D5185m 0 17 19 184 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >0 14 8 15 Sodium ppm ASTM D5185m >20 <t< td=""><td></td><td>ppm</td><td>ASTM 05185M</td><td></td><td>U</td><td>0</td><td>U</td></t<>		ppm	ASTM 05185M		U	0	U
Barium ppm ASTM D5185n 0 0 0 0 0 Molybdenum ppm ASTM D5185n 0 0 0 0 Maganese ppm ASTM D5185n 2 <1	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 2 <1	Boron	ppm	ASTM D5185m	0			
Manganese ppm ASTM D5185m 2 <1 0 Magnesium ppm ASTM D5185m 0 1 0 0 Calcium ppm ASTM D5185m 0 7 0 0 Phosphorus ppm ASTM D5185m 0 11 0 7 Sulfur ppm ASTM D5185m 0 11 0 7 Sulfur ppm ASTM D5185m 0 17 19 184 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >60 14 8 15 Sodium ppm ASTM D5185m >20 <1 1 0 Water % ASTM D6304 >.1 0.132 0.0411 0.109 ppm ASTM D6304 >.1 0.132 0.041 0.109 ppm ASTM D6304 >.1000 1325 414.4 11068 Particles >4µm ASTM D7647 >5000 230547 1484 11068	Barium	ppm	ASTM D5185m	0	0	0	0
Magnesium ppm ASTM D5185m 0 1 0 0 Calcium ppm ASTM D5185m 0 7 0 0 Phosphorus ppm ASTM D5185m 0 1243 1026 950 Zinc ppm ASTM D5185m 0 11 0 7 Sulfur ppm ASTM D5185m 0 17 19 184 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 0 14 8 15 Sodium ppm ASTM D5185m >60 14 8 15 Potassium ppm ASTM D5185m >20 <1	Molybdenum	ppm	ASTM D5185m	0	0	0	0
Calcium ppm ASTM D5185m 0 7 0 0 Phosphorus ppm ASTM D5185m 1800 1243 1026 950 Zinc ppm ASTM D5185m 0 11 0 7 Sulfur ppm ASTM D5185m 0 11 0 7 Sulfur ppm ASTM D5185m 0 17 19 184 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >60 14 8 15 Sodium ppm ASTM D5185m 20 <1	Manganese	ppm	ASTM D5185m		2	<1	0
Phosphorus ppm ASTM D5185m 1800 1243 1026 950 Zinc ppm ASTM D5185m 0 11 0 7 Sulfur ppm ASTM D5185m 0 17 19 184 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >60 14 8 15 Sodium ppm ASTM D5185m >60 14 8 15 Potassium ppm ASTM D5185m >20 <1	Magnesium	ppm	ASTM D5185m	0	1	0	0
Zinc ppm ASTM D5185m 0 11 0 7 Sulfur ppm ASTM D5185m 0 17 19 184 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >60 14 8 15 Sodium ppm ASTM D5185m 2 <1	Calcium	ppm	ASTM D5185m	0	7	0	0
Sulfur ppm ASTM D5185m 0 17 19 184 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >60 14 8 15 Sodium ppm ASTM D5185m >60 14 8 15 Potassium ppm ASTM D5185m >20 <1 1 0 Water % ASTM D5185m >20 <1 1 0 Water % ASTM D50304 >.1 △ 0.132 0.041 △ 0.109 ppm Water ppm ASTM D6304 >.1 △ 0.132 0.041 △ 0.109 Particles >4µm ASTM D6304 >.1000 ▲ 1325 414.4 △ 1091.3 Particles >4µm ASTM D7647 >5000 ▲ 230547 1484 △ 1068 Particles >6µm ASTM D7647 1300 △ 149839	Phosphorus	ppm	ASTM D5185m	1800	1243	1026	950
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >60 14 8 15 Sodium ppm ASTM D5185m 2 <1	Zinc	ppm	ASTM D5185m	0	11	0	7
Silicon ppm ASTM D5185m >60 14 8 15 Sodium ppm ASTM D5185m 2 <1 5 Potassium ppm ASTM D5185m >20 <1 1 0 Water % ASTM D6304 >.1 ▲ 0.132 0.041 ▲ 0.109 ppm Water ppm ASTM D6304 >.1 ▲ 0.132 0.041 ▲ 0.109 ppm Water ppm ASTM D6304 >.1 ▲ 0.132 0.041 ▲ 0.109 ppm Water ppm ASTM D6304 >.1000 ▲ 1325 414.4 ▲ 1091.3 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 ▲ 230547 1484 ▲ 11068 Particles >6µm ASTM D7647 >1300 ▲ 149839 459 △ 2627 Particles >14µm ASTM D7647 >160 & 8642 23 △ 238	Sulfur	ppm	ASTM D5185m	0	17	19	184
Sodium ppm ASTM D5185m 2 <1 5 Potassium ppm ASTM D5185m >20 <1	CONTAMINANTS	3	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 <1 1 0 Water % ASTM D6304 >.1 ▲ 0.132 0.041 ▲ 0.109 ppm Water ppm ASTM D6304 >.1 ▲ 0.132 0.041 ▲ 0.109 ppm Water ppm ASTM D6304 >1000 ▲ 1325 414.4 ▲ 1091.3 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 ▲ 230547 1484 ▲ 11068 Particles >6µm ASTM D7647 >1300 ▲ 149839 459 ▲ 2627 Particles >6µm ASTM D7647 >160 & 8642 23 ▲ 238 Particles >14µm ASTM D7647 >40 ▲ 1638 5 ④ 90 Particles >21µm ASTM D7647 >10 ● 95 0 ▲ 12 Particles >71µm ASTM D7647 >3 ▲ 5 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 25/24/20 18/16/12 21/19/15 FLUID DEGRADATION	Silicon	ppm	ASTM D5185m	>60	14	8	15
Water % ASTM D6304 >.1 ▲ 0.132 0.041 ▲ 0.109 ppm Water ppm ASTM D6304 >1000 ▲ 1325 414.4 ▲ 1091.3 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 ▲ 230547 1484 ▲ 11068 Particles >6µm ASTM D7647 >5000 ▲ 230547 1484 ▲ 11068 Particles >6µm ASTM D7647 >1300 ▲ 149839 459 ▲ 2627 Particles >14µm ASTM D7647 >160 ▲ 8642 23 ▲ 238 Particles >21µm ASTM D7647 >40 ▲ 1638 5 ④ 90 Particles >38µm ASTM D7647 >3 ▲ 5 0 1 21/19/15 Particles >71µm ASTM D7647 >3 ▲ 5 0 1 21/19/15 Gil Cleanliness ISO 4406 (c) 19/17/14 25/24/20	Sodium	ppm	ASTM D5185m		2	<1	5
ppm Water ppm ASTM D6304 >1000 ▲ 1325 414.4 ▲ 1091.3 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 ▲ 230547 1484 ▲ 11068 Particles >6µm ASTM D7647 >1300 ▲ 149839 459 △ 2627 Particles >6µm ASTM D7647 >160 ▲ 8642 23 △ 238 Particles >14µm ASTM D7647 >40 ▲ 1638 5 ● 90 Particles >21µm ASTM D7647 >40 ▲ 1638 5 ● 90 Particles >38µm ASTM D7647 >10 ● 95 0 12 Particles >71µm ASTM D7647 >3 ▲ 5 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 25/24/20 18/16/12 21/19/15 FLUID DEGRADATION method	Potassium	ppm	ASTM D5185m	>20	<1	1	0
FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 230547 1484 11068 Particles >6µm ASTM D7647 >1300 149839 459 2627 Particles >6µm ASTM D7647 >160 8642 23 238 Particles >14µm ASTM D7647 >40 1638 5 90 Particles >21µm ASTM D7647 >40 1638 5 90 Particles >38µm ASTM D7647 >10 95 0 12 Particles >71µm ASTM D7647 >3 5 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 25/24/20 18/16/12 21/19/15 FLUID DEGRADATION method limit/base current history1 history2	Water	%	ASTM D6304	>.1	 0.132	0.041	▲ 0.109
Particles >4µm ASTM D7647 >5000 ▲ 230547 1484 ▲ 11068 Particles >6µm ASTM D7647 >1300 ▲ 149839 459 ▲ 2627 Particles >14µm ASTM D7647 >160 ▲ 8642 23 ▲ 238 Particles >21µm ASTM D7647 >40 ▲ 1638 5 ● 90 Particles >21µm ASTM D7647 >40 ▲ 1638 5 ▲ 90 Particles >38µm ASTM D7647 >10 ▲ 95 0 ▲ 12 Particles >71µm ASTM D7647 >3 ▲ 5 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 25/24/20 18/16/12 ▲ 21/19/15 FLUID DEGRADATION method limit/base current history1 history2	ppm Water	ppm	ASTM D6304	>1000	1 325	414.4	▲ 1091.3
Particles >6µm ASTM D7647 >1300 ▲ 149839 459 ▲ 2627 Particles >14µm ASTM D7647 >160 ▲ 8642 23 ▲ 238 Particles >21µm ASTM D7647 >40 ▲ 1638 5 ▲ 90 Particles >38µm ASTM D7647 >10 ▲ 95 0 ▲ 12 Particles >38µm ASTM D7647 >3 ▲ 5 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 25/24/20 18/16/12 ▲ 21/19/15 FLUID DEGRADATION method limit/base current history1 history2	FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >14µm ASTM D7647 >160 ▲ 8642 23 ▲ 238 Particles >21µm ASTM D7647 >40 ▲ 1638 5 ▲ 90 Particles >38µm ASTM D7647 >10 ▲ 95 0 ▲ 12 Particles >71µm ASTM D7647 >3 ▲ 5 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 25/24/20 18/16/12 ▲ 21/19/15 FLUID DEGRADATION method limit/base current history1 history2	Particles >4µm		ASTM D7647	>5000	A 230547	1484	▲ 11068
Particles >21µm ASTM D7647 >40 ▲ 1638 5 ▲ 90 Particles >38µm ASTM D7647 >10 ▲ 95 0 ▲ 12 Particles >71µm ASTM D7647 >3 ▲ 5 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 25/24/20 18/16/12 ▲ 21/19/15 FLUID DEGRADATION method limit/base current history1 history2	Particles >6µm		ASTM D7647	>1300	<u> </u>	459	<u> </u>
Particles >38μm ASTM D7647 >10 ▲ 95 0 ▲ 12 Particles >71μm ASTM D7647 >3 ▲ 5 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 25/24/20 18/16/12 ▲ 21/19/15 FLUID DEGRADATION method limit/base current history1 history2	Particles >14µm		ASTM D7647	>160	A 8642	23	<u> </u>
Particles >38μm ASTM D7647 >10 ▲ 95 0 ▲ 12 Particles >71μm ASTM D7647 >3 ▲ 5 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 25/24/20 18/16/12 ▲ 21/19/15 FLUID DEGRADATION method limit/base current history1 history2	Particles >21µm		ASTM D7647	>40	<u> </u>	5	<u> </u>
Particles >71μm ASTM D7647 >3 ▲ 5 0 1 Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 25/24/20 18/16/12 ▲ 21/19/15 FLUID DEGRADATION method limit/base current history1 history2							
Oil Cleanliness ISO 4406 (c) >19/17/14 ▲ 25/24/20 18/16/12 ▲ 21/19/15 FLUID DEGRADATION method limit/base current history1 history2	•						
	FLUID DEGRADA		method	limi <u>t/base</u>	current	history1	history2

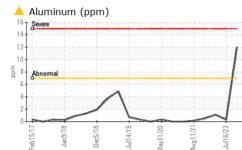
Report Id: JBSBEA [WUSCAR] 06159151 (Generated: 05/04/2024 04:15:22) Rev: 1

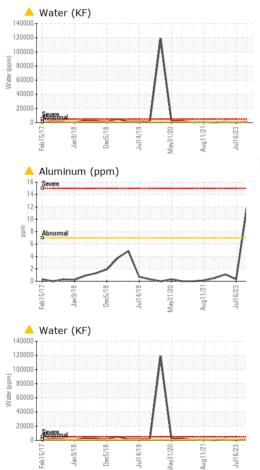
Contact/Location: ? ? - JBSBEA



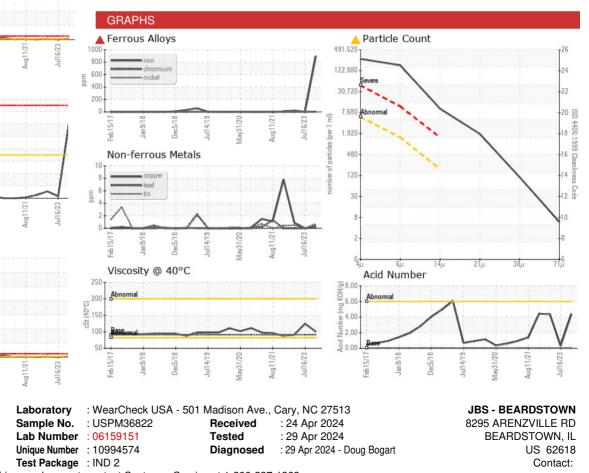
OIL ANALYSIS REPORT







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	LIGHT	NONE	LIGHT
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	>.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	91	100	124.6	90.7
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color				-		Vacia 1178644 ru WC ID Solo JSSEJ
Bottom			ĺ	(3)		



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)

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Certificate 12367

Contact/Location: ? ? - JBSBEA

Page 4 of 4

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