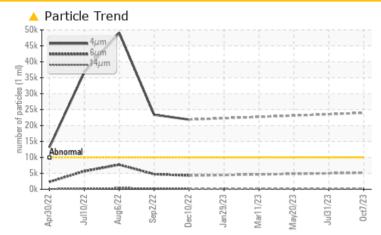


PROBLEM SUMMARY

LEROI BIG VRU 1 (S/N 5329X3021)

Compressor Fluid SHELL CORENA S4 R46 (--- QTS)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status		ABNORMAL	ABNORMAL	ABNORMAL				
Particles >4µm	ASTM D7647 >10000	23975						
Particles >6µm	ASTM D7647 >2500	🔺 5179						
Oil Cleanliness	ISO 4406 (c) >20/18/	15 🔺 22/20/15						

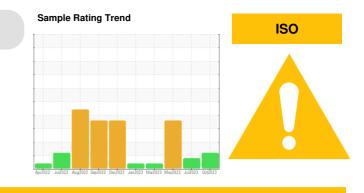
Customer Id: HILVANWC Sample No.: WC0837877 Lab Number: 05982500 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Jonathan Hester +1 919-379-4092 x4092 jhester@wearcheckusa.com

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



RECOMMENDED AC	CTIONS			
Action	Status	Date	Done By	Description
Change Filter			?	We recommend you service the filters on this component if applicable.

HISTORICAL DIAGNOSIS

31 Jul 2023 Diag: Jonathan Hester



We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.All component wear rates are normal. There is a moderate amount of visible silt present in the sample. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report

view report

20 May 2023 Diag: Don Baldridge

WATER



We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.All component wear rates are normal. There is a light concentration of water present in the oil. There is a moderate amount of visible silt present in the sample. Moderate concentration of visible dirt/debris present in the oil. The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.



11 Mar 2023 Diag: Jonathan Hester

We recommend you service the filters on this component. Resample at the next service interval to monitor. We were unable to perform a particle count due to a high concentration of particles present in this sample.All component wear rates are normal. High concentration of visible dirt/debris present 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

ISO

LEROI BIG VRU 1 (S/N 5329X3021)

Compressor

Fluid SHELL CORENA S4 R46 (--- QTS)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is a high amount of silt (particulates < 14 microns in size) present in the oil.

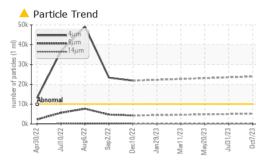
Fluid Condition

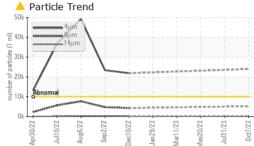
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

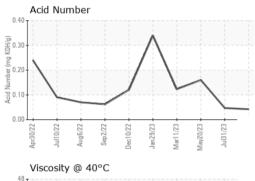
Sample Date Client Info 07 Oct 2023 31 Jul 2023 20 May 2023 Machine Age hrs Client Info 0 0 0 Oil Age hrs Client Info 0 0 0 Oil Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A			Apr2022 Jul2	022 Aug2022 Sep2022 Dec2	022 Jan2023 Mar2023 May2023 Jula	023 Oct2023	
Sample Date Client Info 07 Oct 2023 31 Jul 2023 20 May 2023 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 Sample Status Imit/base current history1 history2 Iron ppm ASTM D5185m >50 8 14 6 Chromium ppm ASTM D5185m >50 8 14 6 Chromium ppm ASTM D5185m >50 8 14 6 Chromium ppm ASTM D5185m >50 0 0 0 Silver ppm ASTM D5185m >25 0 <1 <1 Cadmium ppm ASTM D5185m >55 0 <1 <1 Cadmium ppm ASTM D5185m >50 0 0 0 Cadmium ppm AS	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 0 0 0 Oil Age hrs Client Info N/A N/A N/A Sample Status C Imit Mode ABNORMAL ABNORMAL ABNORMAL WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM D5185n >50 8 14 6 Chromium ppm ASTM D5185n >50 8 14 6 Chromium ppm ASTM D5185n >50 8 14 6 Silver ppm ASTM D5185n >50 0 0 0 Silver ppm ASTM D5185n >25 0 <11	Sample Number		Client Info		WC0837877	WC0731513	WC0731524
Machine Age hrs Client Info 0 0 0 Oil Age hrs Client Info N/A N/A N/A Sample Status C Imit Mode ABNORMAL ABNORMAL ABNORMAL WEAR METALS method Imit/base current history1 history2 Iron ppm ASTM D5185n >50 8 14 6 Chromium ppm ASTM D5185n >50 8 14 6 Chromium ppm ASTM D5185n >50 8 14 6 Silver ppm ASTM D5185n >50 0 0 0 Silver ppm ASTM D5185n >25 0 <11	Sample Date		Client Info		07 Oct 2023	31 Jul 2023	20 May 2023
Oil Changed Client Info N/A N/A N/A ABNORMAL ABNORMAL ABNORMAL Sample Status method limit/base current history1 history2 Iron ppm ASTM D5185m >50 8 14 6 Chromium ppm ASTM D5185m >50 8 14 6 Nickel ppm ASTM D5185m >50 8 14 6 Silver ppm ASTM D5185m 0 0 0 0 Lead ppm ASTM D5185m >25 0 <1 1 Copper ppm ASTM D5185m >50 0 1 <1 Vanadium ppm ASTM D5185m 50 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 0 Boron ppm ASTM D5185m 0 0 0 0 0 Barium ppm <td>Machine Age</td> <td>hrs</td> <td>Client Info</td> <td></td> <th>0</th> <td>0</td> <td></td>	Machine Age	hrs	Client Info		0	0	
Sample Status method limit/base current history1 history2 Iron ppm ASTM D5185m >50 8 14 6 Chromium ppm ASTM D5185m >10 0 0 0 Nickel ppm ASTM D5185m 0 0 0 0 Silver ppm ASTM D5185m 25 0 <1	Oil Age	hrs	Client Info		0	0	0
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 8 14 6 Chromium ppm ASTM D5185m 0 0 0 Nickel ppm ASTM D5185m 0 0 0 Silver ppm ASTM D5185m 25 0 <1	Oil Changed		Client Info		N/A	N/A	N/A
Inn ppm ASTM D5185m >50 8 14 6 Chromium ppm ASTM D5185m 0 0 0 Nickel ppm ASTM D5185m 0 0 0 Silver ppm ASTM D5185m 0 0 0 Auminum ppm ASTM D5185m 25 0 <1 0 Lead ppm ASTM D5185m >25 0 <1 <1 Copper ppm ASTM D5185m >50 0 1 <1 Cadmium ppm ASTM D5185m 50 0 0 0 Addium ppm ASTM D5185m 0 0 0 0 Addium ppm ASTM D5185m 0 0 0 0 Boron ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 0 <1 0 Potasphorus ppm ASTM	Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Chromium ppm ASTM D5185m >10 0 0 0 Nickel ppm ASTM D5185m 0 0 0 0 Silver ppm ASTM D5185m 0 0 0 0 Silver ppm ASTM D5185m >25 0 <1 0 Lead ppm ASTM D5185m >25 0 <1 0 Lead ppm ASTM D5185m >25 0 <1 <1 Copper ppm ASTM D5185m >50 0 1 <1 Cadmium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 Boron ppm ASTM D5185m 0 0 0 0 Magnese ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 0 0 0 0	WEAR METALS		method	limit/base	current	history1	history2
Nickel ppm ASTM D5185m 0	Iron	ppm	ASTM D5185m	>50	8	14	6
Titanium ppm ASTM D5185m 0 0 0 Silver ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m >25 0 <1 0 Lead ppm ASTM D5185m >25 0 <1	Chromium	ppm	ASTM D5185m	>10	0	0	0
Silver ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m >25 0 <1	Nickel	ppm	ASTM D5185m		0	0	<1
Aluminum ppm ASTM D5185m >25 0 <1 0 Lead ppm ASTM D5185m >25 0 <1	Titanium	ppm	ASTM D5185m		0	0	0
Lead ppm ASTM D5185m >25 0 <1 <1 Copper ppm ASTM D5185m >50 0 1 <1	Silver	ppm	ASTM D5185m		0	0	0
Copper ppm ASTM D5185m >50 0 1 <1 Tin ppm ASTM D5185m >15 0 0 0 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 0 0 0 0 Calcium ppm ASTM D5185m 0 -1 0 0 Calcium ppm ASTM D5185m 0 -1 0 0 Calcium ppm ASTM D5185m 0 -1 0 0 Sulfur ppm ASTM D5185m 62 97 152 CONTAMINANTS method limit/base current history1 history2	Aluminum	ppm	ASTM D5185m	>25	0	<1	0
Tin ppm ASTM D5185m >15 0 0 <1 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 0 0 Barium ppm ASTM D5185m 0 0 0 0 Magnese ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 0 0 0 0 Calcium ppm ASTM D5185m 0 0 0 0 Sulfur ppm ASTM D5185m 0 <1	Lead	ppm	ASTM D5185m	>25	0	<1	<1
Vanadium ppm ASTM D5185m 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 0 0 Barium ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 0 -1 1 Magnesium ppm ASTM D5185m 0 -1 0 Calcium ppm ASTM D5185m 0 -1 0 Magnesium ppm ASTM D5185m 0 -1 0 Calcium ppm ASTM D5185m 0 -1 0 Sulfur ppm ASTM D5185m 20 18 42 Sulfur ppm ASTM D5185m 20 0 0 152 CONTAMINANTS method limit/base current history1<	Copper	ppm	ASTM D5185m	>50	0	1	<1
Cadmium ppm ASTM D5185m 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 0 0 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Manganese ppm ASTM D5185m 0 0 1 1 Magnesium ppm ASTM D5185m 0 -1 0 0 0 Calcium ppm ASTM D5185m 0 -11 0 0 Sulfur ppm ASTM D5185m 20 18 42 Zinc ppm ASTM D5185m 20 0 0 152 CONTAMINANTS method limit/base current history1 history2 Solicon ppm ASTM D5185m >20 0 0 1 <td>Tin</td> <td>ppm</td> <td>ASTM D5185m</td> <td>>15</td> <th>0</th> <td>0</td> <td><1</td>	Tin	ppm	ASTM D5185m	>15	0	0	<1
ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m000BariumppmASTM D5185m000MolybdenumppmASTM D5185m000ManganeseppmASTM D5185m000ManganeseppmASTM D5185m000CalciumppmASTM D5185m000PhosphorusppmASTM D5185m201842ZincppmASTM D5185m6297152CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m2221PotassiumppmASTM D5185m2221PotassiumppmASTM D5185m2221PotassiumppmASTM D5185m2221Particles >4µmASTM D5185m>20001FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647>1000023975Particles >4µmASTM D7647>2002Particles >1µmASTM D7647>202Particles >71µmASTM D7647>202Particles >71µmASTM D7647>202Particles >71µmASTM D7	Vanadium	ppm	ASTM D5185m		0	0	0
Boron ppm ASTM D5185m 0 0 0 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m 0 <1	Cadmium	ppm	ASTM D5185m		0	0	0
Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 Magnesse ppm ASTM D5185m 0 -11 <11 Magnesium ppm ASTM D5185m 0 0 0 Calcium ppm ASTM D5185m 0 <11 0 Phosphorus ppm ASTM D5185m 20 18 42 Zinc ppm ASTM D5185m 20 18 42 Sulfur ppm ASTM D5185m 62 97 152 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 0 0 0 Sodium ppm ASTM D5185m >20 0 0 1 Potassium ppm ASTM D6185m >20 0 0 1 FLUID CLEANLINESS method limit/base current <th>ADDITIVES</th> <th></th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m 0 <1	Boron	ppm	ASTM D5185m		0	0	0
Magnesse ppm ASTM D5185m 0 <1 <1 Magnesium ppm ASTM D5185m 0 0 0 Calcium ppm ASTM D5185m 0 <1	Barium	ppm	ASTM D5185m		0	0	0
Magnesium ppm ASTM D5185m 0 0 0 Calcium ppm ASTM D5185m 0 <1	Molybdenum	ppm	ASTM D5185m		0	0	0
Calcium ppm ASTM D5185m 0 <1 0 Phosphorus ppm ASTM D5185m 20 18 42 Zinc ppm ASTM D5185m 0 <1	Manganese	ppm	ASTM D5185m		0	<1	<1
Phosphorus ppm ASTM D5185m 20 18 42 Zinc ppm ASTM D5185m 0 <1	Magnesium	ppm	ASTM D5185m		0	0	0
ZincppmASTM D5185m0<10SulfurppmASTM D5185m6297152CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>25000SodiumppmASTM D5185m>25000SodiumppmASTM D5185m>20001FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647>10000423975Particles >6µmASTM D7647>25005179Particles >14µmASTM D7647>320245Particles >21µmASTM D7647>202Particles >38µmASTM D7647>202Particles >71µmASTM D7647>40Oil CleanlinessISO 4406 (c)>20/18/1522/20/15FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2	Calcium	ppm	ASTM D5185m		0	<1	0
SulfurppmASTM D5185m6297152CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>25000SodiumppmASTM D5185m221PotassiumppmASTM D5185m>20001FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647>1000023975Particles >6µmASTM D7647>25005179Particles >14µmASTM D7647>320245Particles >21µmASTM D7647>202Particles >38µmASTM D7647>202Particles >71µmASTM D7647>40Oil CleanlinessISO 4406 (c)>20/18/1522/20/15FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2	Phosphorus	ppm	ASTM D5185m		20	18	42
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>25000SodiumppmASTM D5185m221PotassiumppmASTM D5185m>20001FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D5185m>20001FLUID CLEANLINESSmethodlimit/basecurrenthistory1history2Particles >4µmASTM D7647>10000▲ 23975Particles >6µmASTM D7647>2500▲ 5179Particles >14µmASTM D7647>320245Particles >21µmASTM D7647>8058Particles >38µmASTM D7647>202Particles >71µmASTM D7647>40Oil CleanlinessISO 4406 (c)>20/18/1522/20/15FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2	Zinc	ppm	ASTM D5185m		0	<1	0
Silicon ppm ASTM D5185m >25 0 0 0 Sodium ppm ASTM D5185m >20 0 0 1 Potassium ppm ASTM D5185m >20 0 0 1 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 ▲ 23975 Particles >6µm ASTM D7647 >2500 ▲ 5179 Particles >14µm ASTM D7647 >320 245 Particles >21µm ASTM D7647 >20 2 Particles >38µm ASTM D7647 >20 2 Particles >38µm ASTM D7647 >20 2 Particles >71µm ASTM D7647 >4 0 Oil Cleanliness ISO 4406 (c) >20/18/15 22/20/15 FLUID DEGRADATION method limit/base current history1 history2<	Sulfur	ppm	ASTM D5185m		62	97	152
Sodium ppm ASTM D5185m 2 2 1 Potassium ppm ASTM D5185m >20 0 0 1 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 23975 Particles >6µm ASTM D7647 >2500 5179 Particles >6µm ASTM D7647 >20 245 Particles >1µm ASTM D7647 >80 58 Particles >38µm ASTM D7647 >20 2 Particles >71µm ASTM D7647 >4 0 Oil Cleanliness ISO 4406 (c) >20/18/15 22/20/15 FLUID DEGRADATION method limit/base current history1 history2	CONTAMINANTS	;	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 0 0 1 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 23975 Particles >6µm ASTM D7647 >2500 5179 Particles >6µm ASTM D7647 >320 245 Particles >1µm ASTM D7647 >80 58 Particles >38µm ASTM D7647 >20 2 Particles >38µm ASTM D7647 >4 0 Particles >71µm ASTM D7647 >4 0 Oil Cleanliness ISO 4406 (c) >20/18/15 22/20/15 FLUID DEGRADATION method limit/base current history1 history2	Silicon	ppm	ASTM D5185m	>25	0	0	0
FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 ▲ 23975 Particles >6µm ASTM D7647 >2500 ▲ 5179 Particles >6µm ASTM D7647 >320 245 Particles >14µm ASTM D7647 >80 58 Particles >21µm ASTM D7647 >20 2 Particles >38µm ASTM D7647 >20 2 Particles >71µm ASTM D7647 >4 0 Oil Cleanliness ISO 4406 (c) >20/18/15 22/20/15 FLUID DEGRADATION method limit/base current history1 history2	Sodium	ppm	ASTM D5185m		2	2	1
Particles >4µm ASTM D7647 >10000 ▲ 23975 Particles >6µm ASTM D7647 >2500 ▲ 5179 Particles >14µm ASTM D7647 >320 245 Particles >21µm ASTM D7647 >80 58 Particles >21µm ASTM D7647 >20 2 Particles >38µm ASTM D7647 >20 2 Particles >71µm ASTM D7647 >4 0 Oil Cleanliness ISO 4406 (c) >20/18/15 22/20/15 FLUID DEGRADATION method limit/base current history1 history2	Potassium	ppm	ASTM D5185m	>20	0	0	1
Particles >6µm ASTM D7647 >2500 ▲ 5179 Particles >14µm ASTM D7647 >320 245 Particles >21µm ASTM D7647 >80 58 Particles >38µm ASTM D7647 >20 2 Particles >38µm ASTM D7647 >20 2 Particles >71µm ASTM D7647 >4 0 Oil Cleanliness ISO 4406 (c) >20/18/15 ▲ 22/20/15 FLUID DEGRADATION method limit/base current history1 history2	FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >14μm ASTM D7647 >320 245 Particles >21μm ASTM D7647 >80 58 Particles >38μm ASTM D7647 >20 2 Particles >38μm ASTM D7647 >20 2 Particles >71μm ASTM D7647 >4 0 Oil Cleanliness ISO 4406 (c) >20/18/15 22/20/15 FLUID DEGRADATION method limit/base current history1 history2	Particles >4µm		ASTM D7647	>10000	A 23975		
Particles >21μm ASTM D7647 >80 58 Particles >38μm ASTM D7647 >20 2 Particles >38μm ASTM D7647 >20 2 Particles >71μm ASTM D7647 >4 0 Oil Cleanliness ISO 4406 (c) >20/18/15 22/20/15 FLUID DEGRADATION method limit/base current history1 history2	Particles >6µm		ASTM D7647	>2500	<u> </u>		
Particles >38μm ASTM D7647 >20 2 Particles >71μm ASTM D7647 >4 0 Oil Cleanliness ISO 4406 (c) >20/18/15 22/20/15 FLUID DEGRADATION method limit/base current history1 history2	Particles >14µm		ASTM D7647	>320	245		
Particles >71μm ASTM D7647 >4 0 Oil Cleanliness ISO 4406 (c) >20/18/15 ▲ 22/20/15 FLUID DEGRADATION method limit/base current history1 history2	Particles >21µm		ASTM D7647	>80	58		
Oil Cleanliness ISO 4406 (c) >20/18/15 22/20/15 FLUID DEGRADATION method limit/base current history1 history2	Particles >38µm		ASTM D7647	>20	2		
FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>4	0		
	Oil Cleanliness		ISO 4406 (c)	>20/18/15	<u> </u>		
Acid Number (AN) mg KOH/g ASTM D8045 0.042 0.047 0.16	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.042	0.047	0.16

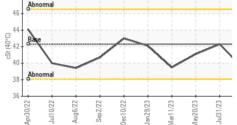


OIL ANALYSIS REPORT

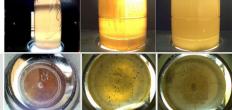




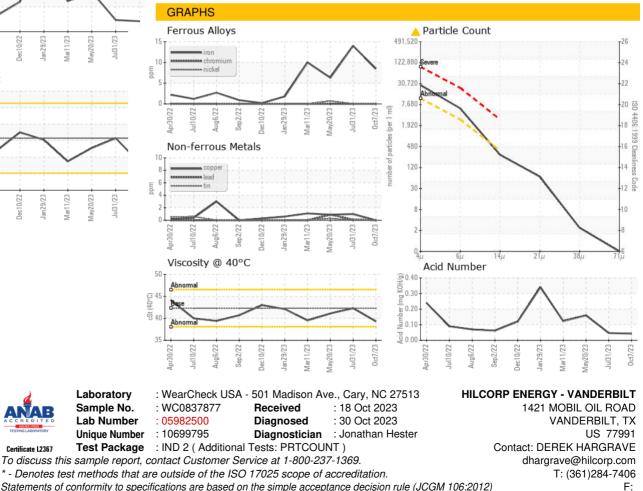




VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	🔺 MODER	🔺 MODER
Debris	scalar	*Visual	NONE	LIGHT	NONE	🔺 MODER
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	🔺 HAZY
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	▲ 0.2%
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPERT	IES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	42.3	39.3	42.3	41.1
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						



Bottom



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

Contact/Location: DEREK HARGRAVE - HILVANWC