

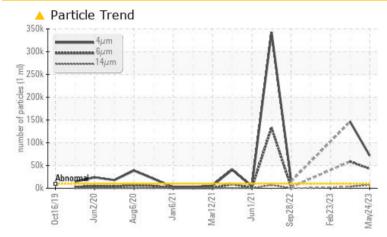
PROBLEM SUMMARY

BOSS ROSS DRAW 3031-TOWER-XTO (S/N 120970)

Compressor

TULCO LUBSOIL LPG WS 150 (10 GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status		ABNORMAL	ABNORMAL	ABNORMAL
Particles >4µm	ASTM D7647 >10000) 🔺 71504	1 46228	
Particles >6µm	ASTM D7647 >1300	42790	58610	
Particles >14µm	ASTM D7647 >320	A 7382	A 3411	
Particles >21µm	ASTM D7647 >80	A 1272	480	
Oil Cleanliness	ISO 4406 (c) >20/17	/15 🔺 23/23/20	<u> </u>	

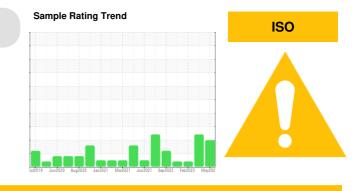
Customer Id: RICHOB Sample No.: TO90003376 Lab Number: 05867340 Test Package: IND 2



To manage this report scan the QR code

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

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



RECOMMENDED ACTIONS						
Action	Status	Date	Done By	Description		
Change Filter	MISSED	Dec 01 2023	?	We recommend you service the filters on this component.		

HISTORICAL DIAGNOSIS



11 Apr 2023 Diag: Don Baldridge

We recommend you service the filters on this component if applicable. 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. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



view report

23 Feb 2023 Diag: Don Baldridge

VIS DEBRIS



We recommend you service the filters on this component if applicable. 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.

VIS DEBRIS

06 Dec 2022 Diag: Don Baldridge

No corrective action is recommended at this time. The filter change at the time of sampling has been noted. 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. Moderate 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

BOSS ROSS DRAW 3031-TOWER-XTO (S/N 120970)

Compressor Fluid

TULCO LUBSOIL LPG WS 150 (10 GAL)

DIAGNOSIS

A Recommendation

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

Wear

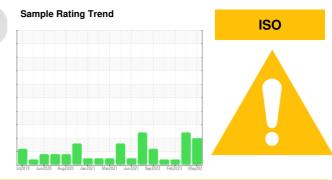
All component wear rates are normal.

Contamination

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

Fluid Condition

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



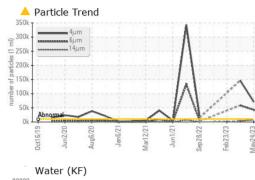
Sample Number Client Info TO90003376 TO90002803 TO8000380 TO8000 TO8000000000000000000000000000000000000	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Date Client Info 24 May 2023 11 Apr 2023 23 Feb 2023 Machine Age hrs Client Info 1898 17892 16815 Oil Age hrs Client Info 0 0 0 0 Oil Changed Client Info N/A N/A N/A ABNORMAL <	Sample Number		Client Info		TO90003376	TO90002803	TO90002913
Machine Age hrs Client Info 1898 17892 16815 Oil Age hrs Client Info N/A N/A N/A N/A Sample Status Client Info N/A ABNORMAL ABNORMAL ABNORMAL ABNORMAL ABNORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 <1							
Oil Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A N/A Sample Status method limit/base current history1 history2 Iron ppm ASTM 05185m >50 <1		hrs			-		
Oil Changed Client Info N/A N/A N/A ABNORMAL ABNORMAL ABNORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >50 <1 3 2 Chromium ppm ASTM D5185m >50 <1 0 0 0 Nickel ppm ASTM D5185m <1 0 0 0 Auminum ppm ASTM D5185m >25 0 0 0 Auminum ppm ASTM D5185m >25 1 0 0 0 Cadmium ppm ASTM D5185m >550 2 1 <1 <1 Vanadium ppm ASTM D5185m >550 2 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 0 Cadmium ppm ASTM D5185m 0 2 0 0 0 <td>-</td> <td></td> <td></td> <td></td> <th></th> <td></td> <td></td>	-						
Sample Status method Imit/base current history1 ABNORMAL WEAR METALS method limit/base current history2 Iron ppm ASTM D5185n >50 <1	•				-		
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185n >50 <1	-						
Iron ppm ASTM D5185m >50 <1	WEAR METALS		method	limit/base	current	history1	history2
Dromium 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 0 0 Lead ppm ASTM D5185m >50 2 5 6 Yanadium ppm ASTM D5185m >15 1 <1		ppm	ASTM D5185m	>50	<i>c</i> 1		
Nickel ppm ASTM D5185m <1 0 0 Titanium ppm ASTM D5185m 0 0 0 Silver ppm ASTM D5185m >25 0 0 0 Aluminum ppm ASTM D5185m >25 1 0 0 Lead ppm ASTM D5185m >25 1 0 0 Copper ppm ASTM D5185m >50 2 5 6 Tin ppm ASTM D5185m >15 1 <1	-						
Titanium ppm ASTM D5185m 0 0 0 Silver ppm ASTM D5185m >25 0 0 0 Aluminum ppm ASTM D5185m >25 0 0 0 Lead ppm ASTM D5185m >25 2 5 6 Tin ppm ASTM D5185m >15 1 <1				,	-		
Silver ppm ASTM D5185m 0 0 0 0 Aluminum ppm ASTM D5185m >25 0 0 0 Lead ppm ASTM D5185m >50 2 5 6 Copper ppm ASTM D5185m >50 2 5 6 Tin ppm ASTM D5185m 50 2 5 6 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 0 Boron ppm ASTM D5185m 0 0 0 0 0 Maganese ppm ASTM D5185m 0 2 0 0 Calcium ppm ASTM D5185m 0 2 0 0 Magnesium ppm ASTM D5185m 0 2 1 2 Phosphorus ppm ASTM D5185m 0 279							
Aluminum ppm ASTM D5185m >25 0 0 0 Lead ppm ASTM D5185m >25 <1					-		
Lead ppm ASTM D5185m >25 <1 0 0 Copper ppm ASTM D5185m >50 2 5 6 Tin ppm ASTM D5185m >15 1 <1				>25			
Copper ppm ASTM D5185m >50 2 5 6 Tin ppm ASTM D5185m >15 1 <1					-		
Tin ppm ASTM D5185m >15 1 <1 <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 Magnaese ppm ASTM D5185m 0 0 0 0 Magnaese ppm ASTM D5185m 0 2 0 0 Magnaesium ppm ASTM D5185m 0 2 1 2 Phosphorus ppm ASTM D5185m 0 279 284 2 Zinc ppm ASTM D5185m 0 0 2 1 1 Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1							
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 0 Barium ppm ASTM D5185m 0 0 0 0 0 Molybdenum ppm ASTM D5185m 0 2 0 0 0 Marganese ppm ASTM D5185m 0 279 279 284 Zinc ppm ASTM D5185m 0 2 1 1 Sulfur ppm ASTM D5185m 0 2 1 1 Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m <							
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 Molybdenum ppm ASTM D5185m 0 2 0 0 Manganese ppm ASTM D5185m 0 2 0 0 Galcium ppm ASTM D5185m 0 279 279 284 Zinc ppm ASTM D5185m 0 2 1 1 Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 22 1 0 0 Sodium ppm ASTM D5185m 20 2 1				>15			
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 0 0 0 Barium ppm ASTM D5185m 0 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 0 Magnesium ppm ASTM D5185m 0 2 0 0 Calcium ppm ASTM D5185m 0 2 0 0 Calcium ppm ASTM D5185m 0 279 279 284 Zinc ppm ASTM D5185m 0 0 2 1 Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 20 2 1 1 Water pm ASTM D6304					-		
Boron ppm ASTM D5185m 0 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 2 0 0 Magnesium ppm ASTM D5185m 0 2 0 0 Calcium ppm ASTM D5185m 0 279 279 284 Zinc ppm ASTM D5185m 0 0 2 1 Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1		ppm				-	-
Barium ppm ASTM D5185m 0 0 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 0 Maganese ppm ASTM D5185m 0 2 0 0 Magnesium ppm ASTM D5185m 0 2 0 0 Calcium ppm ASTM D5185m 0 279 279 284 Zinc ppm ASTM D5185m 0 0 2 1 Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1	ADDITIVES		method	limit/base			
Molybdenum ppm ASTM D5185m 0 0 0 0 0 Manganese ppm ASTM D5185m 0 2 0 0 Magnesium ppm ASTM D5185m 0 2 0 0 Calcium ppm ASTM D5185m 0 279 279 284 Zinc ppm ASTM D5185m 0 0 2 1 Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1	Boron	ppm	ASTM D5185m	0	0	0	0
Manganese ppm ASTM D5185m <1 0 0 Magnesium ppm ASTM D5185m 0 2 0 0 Calcium ppm ASTM D5185m 0 279 279 284 Zinc ppm ASTM D5185m 0 0 2 1 Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1 0 0 Sodium ppm ASTM D5185m >20 2 1 1 Water % ASTM D5185m >20 2 1 1 Water % ASTM D6304 >2.26 0.8455 0.712 0.414 ppm Water ppm ASTM D7647 >10000 71504 146228 Particles >4µm ASTM D7647 >10000 71504 146228 Particles >4µm ASTM D7647 >320 7382 3411 </td <td>Barium</td> <td>ppm</td> <td>ASTM D5185m</td> <td>0</td> <th>0</th> <td>0</td> <td>0</td>	Barium	ppm	ASTM D5185m	0	0	0	0
Magnesium ppm ASTM D5185m 0 2 0 0 Calcium ppm ASTM D5185m 0 0 1 2 Phosphorus ppm ASTM D5185m 0 0 279 279 284 Zinc ppm ASTM D5185m 0 0 2 1 Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1	Molybdenum	ppm	ASTM D5185m	0	0	0	0
Calcium ppm ASTM D5185m 0 0 1 2 Phosphorus ppm ASTM D5185m 0 279 279 284 Zinc ppm ASTM D5185m 0 0 2 1 Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1	Manganese	ppm	ASTM D5185m		<1	0	0
Phosphorus ppm ASTM D5185m 0 279 279 284 Zinc ppm ASTM D5185m 0 0 2 1 Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1	Magnesium	ppm	ASTM D5185m	0	2	0	0
Zinc ppm ASTM D5185m 0 0 2 1 Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1 0 0 Sodium ppm ASTM D5185m >25 <1 0 0 Sodium ppm ASTM D5185m >20 2 1 1 Water % ASTM D6304 >2.26 0.845 0.712 0.414 ppm Water ppm ASTM D6304 >2.2600 8450 7120 4140 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 71504 146228 Particles >4µm ASTM D7647 >320 7382 3411 Particles >21µm ASTM D7647 >320 7382 3411 Particles >21µm ASTM D7647 20 19	Calcium	ppm	ASTM D5185m	0	0	1	2
Sulfur ppm ASTM D5185m 0 550 390 321 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1 0 0 Sodium ppm ASTM D5185m >25 <1 0 0 Sodium ppm ASTM D5185m >20 2 1 1 Water % ASTM D5185m >20 2 1 1 Water % ASTM D5304 >2.26 0.845 0.712 0.414 ppm Water ppm ASTM D6304 >2.2600 8450 7120 4140 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 71504 146228 Particles >6µm ASTM D7647 >320 7382 3411 Particles >21µm ASTM D7647 >20 19	Phosphorus	ppm	ASTM D5185m	0	279	279	284
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >25 <1	Zinc	ppm	ASTM D5185m	0	0	2	1
Silicon ppm ASTM D5185m >25 <1 0 0 Sodium ppm ASTM D5185m 14 22 23 Potassium ppm ASTM D5185m >20 2 1 1 Water % ASTM D6304 >2.26 0.845 0.712 0.414 ppm Water ppm ASTM D6304 >2.2600 8450 7120 4140 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 71504 146228 Particles >6µm ASTM D7647 >1300 42790 58610 Particles >14µm ASTM D7647 >320 7382 3411 Particles >21µm ASTM D7647 >20 19 21 Particles >38µm ASTM D7647 >20 19 21 Particles >71µm ASTM D7647 >4 0 1	Sulfur	ppm	ASTM D5185m	0	550	390	321
Sodium ppm ASTM D5185m 14 22 23 Potassium ppm ASTM D5185m >20 2 1 1 Water % ASTM D6304 >2.26 0.845 0.712 0.414 ppm Water ppm ASTM D6304 >22600 8450 7120 4140 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 4 71504 146228 Particles >6µm ASTM D7647 >1300 42790 58610 Particles >14µm ASTM D7647 >320 7382 3411 Particles >21µm ASTM D7647 >80 1272 480 Particles >38µm ASTM D7647 >20 19 21 Particles >71µm ASTM D7647 >4 0 1 Oil Cleanliness ISO 4406 (c) >20/17/15 23/23/20 24/23/19	CONTAMINANTS	;	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 2 1 1 Water % ASTM D6304 >2.26 0.845 0.712 0.414 ppm Water ppm ASTM D6304 >22600 8450 7120 4140 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 71504 146228 Particles >6µm ASTM D7647 >1300 42790 58610 Particles >6µm ASTM D7647 >320 7382 3411 Particles >14µm ASTM D7647 >20 19 21 Particles >38µm ASTM D7647 >20 19 21 Particles >71µm ASTM D7647 >4 0 1 Oil Cleanliness ISO 4406 (c) >20/17/15 23/23/20 24/23/19 FLUID DEGRADATION method limit/base current history1 history2	Silicon	ppm	ASTM D5185m	>25	<1	0	0
Water % ASTM D6304 >2.26 0.845 0.712 0.414 ppm Water ppm ASTM D6304 >2.2600 8450 7120 4140 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 71504 146228 Particles >6µm ASTM D7647 >1300 42790 58610 Particles >14µm ASTM D7647 >320 7382 3411 Particles >21µm ASTM D7647 >20 19 21 Particles >38µm ASTM D7647 >4 0 1 Particles >71µm ASTM D7647 >4 0 1 Particles >71µm ASTM D7647 >4 0 1 Oil Cleanliness ISO 4406 (c) >20/17/15 23/23/20 24/23/19 FLUID DEGRADATION method limit/base current history1 history2	Sodium	ppm	ASTM D5185m		14	22	23
ppm Water ppm ASTM D6304 >22600 8450 7120 4140 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 71504 146228 Particles >6µm ASTM D7647 >1300 42790 58610 Particles >14µm ASTM D7647 >320 7382 3411 Particles >21µm ASTM D7647 >80 1272 480 Particles >38µm ASTM D7647 >20 19 21 Particles >71µm ASTM D7647 >4 0 1 Particles >71µm ASTM D7647 >4 0 1 Oil Cleanliness ISO 4406 (c) >20/17/15 23/23/20 24/23/19 FLUID DEGRADATION method limit/base current history1 history2	Potassium	ppm	ASTM D5185m	>20	2	1	1
FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >10000 ▲ 71504 ▲ 146228 Particles >6µm ASTM D7647 >1300 ▲ 42790 ▲ 58610 Particles >6µm ASTM D7647 >320 ▲ 7382 ▲ 3411 Particles >14µm ASTM D7647 >80 ▲ 1272 ▲ 480 Particles >21µm ASTM D7647 >20 19 ▲ 21 Particles >38µm ASTM D7647 >20 19 ▲ 21 Particles >71µm ASTM D7647 >4 0 1 Oil Cleanliness ISO 4406 (c) >20/17/15 23/23/20 24/23/19 FLUID DEGRADATION method limit/base current history1 history2	Water	%	ASTM D6304	>2.26	0.845	0.712	0.414
Particles >4μm ASTM D7647 >10000 71504 146228 Particles >6μm ASTM D7647 >1300 42790 58610 Particles >14μm ASTM D7647 >320 7382 3411 Particles >21μm ASTM D7647 >80 1272 4 80 Particles >38μm ASTM D7647 >20 19 21 Particles >71μm ASTM D7647 >4 0 1 Oil Cleanliness ISO 4406 (c) >20/17/15 23/23/20 24/23/19 FLUID DEGRADATION method limit/base current history1 history2	ppm Water	ppm	ASTM D6304	>22600	8450	7120	4140
Particles >6µm ASTM D7647 >1300 42790 58610 Particles >14µm ASTM D7647 >320 7382 3411 Particles >21µm ASTM D7647 >80 1272 480 Particles >38µm ASTM D7647 >20 19 21 Particles >71µm ASTM D7647 >4 0 1 Oil Cleanliness ISO 4406 (c) >20/17/15 23/23/20 24/23/19 FLUID DEGRADATION method limit/base current history1 history2	FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >14μm ASTM D7647 >320 7382 3411 Particles >21μm ASTM D7647 >80 1272 480 Particles >38μm ASTM D7647 >20 19 21 Particles >71μm ASTM D7647 >4 0 1 Oil Cleanliness ISO 4406 (c) >20/17/15 23/23/20 24/23/19 FLUID DEGRADATION method limit/base current history1 history2	Particles >4µm		ASTM D7647	>10000	A 71504	▲ 146228	
Particles >21μm ASTM D7647 >80 1272 480 Particles >38μm ASTM D7647 >20 19 21 Particles >71μm ASTM D7647 >4 0 1 Oil Cleanliness ISO 4406 (c) >20/17/15 23/23/20 24/23/19 FLUID DEGRADATION method limit/base current history1 history2	Particles >6µm		ASTM D7647	>1300	42790	▲ 58610	
Particles >38μm ASTM D7647 >20 19 Δ 21 Particles >71μm ASTM D7647 >4 0 1 Oil Cleanliness ISO 4406 (c) >20/17/15 Δ 23/23/20 Δ 24/23/19 FLUID DEGRADATION method limit/base current history1 history2	Particles >14µm		ASTM D7647	>320	^ 7382	A 3411	
Particles >71μm ASTM D7647 >4 0 1 Oil Cleanliness ISO 4406 (c) >20/17/15 ▲ 23/23/20 ▲ 24/23/19 FLUID DEGRADATION method limit/base current history1 history2	Particles >21µm		ASTM D7647	>80	<u> </u>	480	
Oil Cleanliness ISO 4406 (c) >20/17/15 \checkmark 23/23/20 \checkmark 24/23/19 FLUID DEGRADATION method limit/base current history1 history2	Particles >38µm		ASTM D7647	>20	19	1 21	
Oil Cleanliness ISO 4406 (c) >20/17/15 \checkmark 23/23/20 \checkmark 24/23/19 FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>4	0	1	
	Oil Cleanliness		ISO 4406 (c)	>20/17/15	23/23/20	4/23/19	
Acid Number (AN) mg KOH/g ASTM D8045 0.15 0.22 0.132	FLUID DEGRADA	TION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045		0.15	0.22	0.132

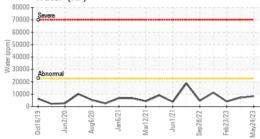


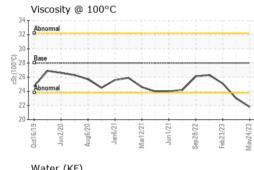
OIL ANALYSIS REPORT

Color

Bottom







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	LIGHT	🔺 HEAVY
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	>2.26	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	151	120	124	137
Visc @ 100°C	cSt	ASTM D445	28	21.8	23.0	25.1
Viscosity Index (VI)	Scale	ASTM D2270	224	210	216	218
SAMPLE IMAGES	5	method	limit/base	current	history1	history2
			-			

