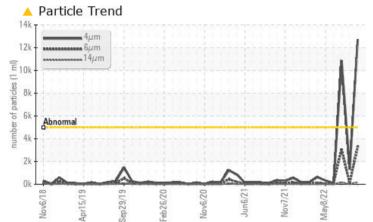


Sample Rating Trend ISO v2018 Apr2019 Sep2019 Feb2020 Nov2020 Jun2021 Nov2019 M....2019 M....2019





RECOMMENDATION

EA

ECOSAFE FR-46 (200 GAL)

COMPONENT CONDITION SUMMARY

Tank Hydraulic System

Area PRESS

Component

Fluid

We recommend you service the filters on this component. We recommend an early resample to monitor this condition.

PROBLEMATIC TEST RESULTS							
Sample Status		ABNORMAL	NORMAL	ABNORMAL			
Particles >4µm	ASTM D7647 >5000	🔺 12714	1321	▲ 10865			
Particles >6µm	ASTM D7647 >1300	A 3269	125	A 3099			
Particles >14µm	ASTM D7647 >160	179	11	156			
Oil Cleanliness	ISO 4406 (c) >19/17/	'14 🔺 21/19/15	18/14/11	🔺 21/19/14			

Customer Id: ALLMONSAF Sample No.: WC0829301 Lab Number: 05899310 Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data: Wes Davis +1 905-569-8600 x223 wesd@wearcheck.ca

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

RECOMMENDED	ACTIONS			
Action	Status	Date	Done By	Description
Change Filter			?	We recommend you service the filters on this component.
Resample			?	We recommend an early resample to monitor this condition.

HISTORICAL DIAGNOSIS



02 Apr 2023 Diag: Don Baldridge

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.



view report

01 Mar 2023 Diag: Jonathan Hester



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 silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

02 Oct 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

ISO

Area PRESS Machine Id TOP TOOL LOCK Component

Tank Hydraulic System Fluid ECOSAFE FR-46 (200 GAL)

DIAGNOSIS

A Recommendation

We recommend you service the filters on this component. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

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

Fluid Condition

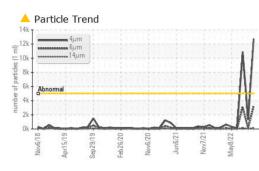
The AN level is acceptable for this fluid. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

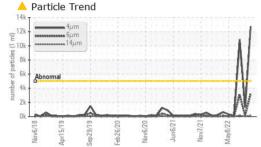


Sample Date Ins Client Info 21 Jun 2023 02 Apr 2023 01 Mar 2023 Machine Age hrs Client Info 0 0 0 0 Oil Age hrs Client Info 0 0 0 0 Oil Changed Client Info N/A N/A N/A N/A Sample Status method limit/base current history1 history2 Iron ppm ASTM D5185n >20 0 0 0 Nickel ppm ASTM D5185n >20 0 0 0 Nickel ppm ASTM D5185n >20 0 0 0 Lead ppm ASTM D5185n >20 1 1 1 1 Lead ppm ASTM D5185n >20 1 1 1 0 Cadmium ppm ASTM D5185n >20 1 1 1 0 Cadmium ppm ASTM D5185n			v2018 Apr20	19 Sep2019 Feb2020	Nov2020 Jun2021 Nov2021 1	MayŽOZZ	
Sample Date Client Info 21 Jun 2023 02 Apr 2023 01 Mar 2023 Machine Age hrs Client Info 0 0 0 0 Oil Age hrs Client Info 0 0 0 0 0 Oil Changed Client Info N/A N/A N/A ASTM 05185m >20 1 3 2 Iron ppm ASTM 05185m >20 0 0 0 0 Nickel ppm ASTM 05185m >20 0 0 0 0 Nickel ppm ASTM 05185m >20 0 0 0 0 Lead ppm ASTM 05185m >20 1 1 -1 0 Cadmium ppm ASTM 05185m >20 1 1 0 0 Cadmium ppm ASTM 05185m >20 1 1 0 0 Cadmium ppm ASTM 05185m >20 1	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 0 0 0 0 Oil Age hrs Client Info N/A N/A N/A Sample Status Client Info N/A NORMAL ABNORMAL WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185n >20 0 0 0 Nickel ppm ASTM D5185n >20 0 0 0 Silver ppm ASTM D5185n >20 0 0 0 Silver ppm ASTM D5185n >20 0 0 0 Capper ppm ASTM D5185n >20 1 1 -1 Tin ppm ASTM D5185n >20 1 1 0 Admium ppm ASTM D5185n 20 1 1 0 Admium ppm ASTM D5185n 20 1 1 0 Ad	Sample Number		Client Info		WC0829301	WC0685691	WC0586275
Oil Age hrs Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A N/A Sample Status Image Image Current history1 history2 Iron ppm ASTM D5185m<>20 1 3 2 Chromium On ASTM D5185m<>20 0 0 0 0 Nickel ppm ASTM D5185m 20 0 0 0 Aluminum ppm ASTM D5185m 20 0 0 0 Lead ppm ASTM D5185m >20 1 1 -1 -1 Tin ppm ASTM D5185m >20 1 1 -1 0 Vanadum ppm ASTM D5185m >20 -1 1 0 0 ASTM D5185m >20 -1 1 0 0 0 0 Cadmium ppm ASTM D5185m -2 0 0	Sample Date		Client Info		21 Jun 2023	02 Apr 2023	01 Mar 2023
One of Changed Other into the othe other inthe other into the othe other into the oth	Machine Age	hrs	Client Info		0	0	0
Sample Status method limit/base current history1 history2 Iron ppm ASTM D5185m >20 1 3 2 Chromium ppm ASTM D5185m >20 0 0 0 Nickel ppm ASTM D5185m >20 0 0 0 Silver ppm ASTM D5185m 0 0 0 0 Silver ppm ASTM D5185m >20 <1	Oil Age	hrs	Client Info		0	0	0
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 0 0 0 Nickel ppm ASTM D5185m >20 0 0 0 Nickel ppm ASTM D5185m >20 0 0 0 Silver ppm ASTM D5185m >20 41 0 0 Aduminum ppm ASTM D5185m >20 <1	Oil Changed		Client Info		N/A	N/A	N/A
ron ppm ASTM D5185m >20 1 3 2 Chromium ppm ASTM D5185m >20 0 0 0 Nickel ppm ASTM D5185m >20 0 0 0 Silver ppm ASTM D5185m 0 0 0 0 Astm D5185m 0 0 0 0 0 0 Lead ppm ASTM D5185m >20 1 1 <1	Sample Status				ABNORMAL	NORMAL	ABNORMAL
Chromium ppm ASTM D5185m >20 0 0 0 Nickel ppm ASTM D5185m >20 0 0 0 Silver ppm ASTM D5185m 0 0 0 0 Silver ppm ASTM D5185m >20 c1 0 0 Auminum ppm ASTM D5185m >20 1 1 <1 0 Lead ppm ASTM D5185m >20 c1 0 0 0 Cadmium ppm ASTM D5185m 20 c1 0 0 0 ASTM D5185m 0 0 0 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 0 0 Magnesium ppm ASTM D5185m 2 2 0 0 Calcium ppm ASTM D5185m	WEAR METALS		method	limit/base	current	history1	history2
Nickel ppm ASTM D5185m >20 0 0 0 Titanium ppm ASTM D5185m 0 0 0 0 Silver ppm ASTM D5185m 0 0 0 0 Aluminum ppm ASTM D5185m >20 0 0 0 Lead ppm ASTM D5185m >20 1 1 <1	Iron	ppm	ASTM D5185m	>20	1	3	2
Titanium ppm ASTM D5185m 0 0 0 0 Silver ppm ASTM D5185m 0 0 0 0 Aluminum ppm ASTM D5185m >20 <1	Chromium	ppm	ASTM D5185m	>20	0	0	0
Silver ppm ASTM D5185m 0 0 0 Aluminum ppm ASTM D5185m >20 <1 0 0 Lead ppm ASTM D5185m >20 0 0 0 Copper ppm ASTM D5185m >20 1 1 <1 0 Vanadium ppm ASTM D5185m >20 <1 0 0 0 Cadmium ppm ASTM D5185m >20 <1 0 0 0 Cadmium ppm ASTM D5185m 20 <1 1 0 0 Barium ppm ASTM D5185m 0 0 0 0 0 Magnesium ppm ASTM D5185m 0 0 0 0 0 Magnesium ppm ASTM D5185m 0 0 0 0 0 Magnesium ppm ASTM D5185m 20 1 1 2 2 0	Nickel	ppm	ASTM D5185m	>20	0	0	0
Aluminum ppm ASTM D5185m >20 <1 0 0 Lead ppm ASTM D5185m >20 0 0 0 Copper ppm ASTM D5185m >20 1 1 <1	Titanium	ppm	ASTM D5185m		0	0	0
Lead ppm ASTM D5185m >20 0 0 0 Copper ppm ASTM D5185m >20 1 1 <1	Silver	ppm	ASTM D5185m		0	0	0
Copper ppm ASTM D5185m >20 1 1 <1 Tin ppm ASTM D5185m >20 <1	Aluminum	ppm	ASTM D5185m	>20	<1	0	0
Tin ppm ASTM D5185m >20 <1 <1 0 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 Magnesium ppm ASTM D5185m 2 2 0 0 Calcium ppm ASTM D5185m 615 627 579 Zinc ppm ASTM D5185m 66 10 14 Sulfur ppm ASTM D5185m 3736 3821 3230 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >1 1 2 2 Sodium ppm ASTM D5185m	Lead	ppm	ASTM D5185m	>20	0	0	0
Tin ppm ASTM D5185m >20 <1 <1 0 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 1 1 0 0 Barium ppm ASTM D5185m 0 0 0 0 Magnese ppm ASTM D5185m 2 2 0 0 Magnesium ppm ASTM D5185m 2 2 0 0 Calcium ppm ASTM D5185m 2 2 0 0 14 3230 Sulfur ppm ASTM D5185m 6 10 14 3230 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m 20 1 <1	Copper		ASTM D5185m	>20	1	1	<1
Vanadium ppm ASTM D5185m <1 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 1 1 0 0 Barium ppm ASTM D5185m 0 0 0 0 Malybdenum ppm ASTM D5185m 0 0 0 0 Magnese ppm ASTM D5185m 2 2 0 0 Calcium ppm ASTM D5185m 2 0 0 14 Sulfur ppm ASTM D5185m 6 10 14 Sulfur ppm ASTM D5185m 6 10 14 Sulfur ppm ASTM D5185m 1 1 2 Solicon ppm ASTM D5185m >15 1 1 2 Sodium ppm AS	Tin		ASTM D5185m	>20	<1	<1	0
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 1 1 0 0 0 Barium ppm ASTM D5185m 0 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 0 Marganese ppm ASTM D5185m 2 2 0 0 Magnesium ppm ASTM D5185m 2 2 0 Calcium ppm ASTM D5185m 615 627 579 Zinc ppm ASTM D5185m 66 10 14 Sulfur ppm ASTM D5185m 3736 3821 3230 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 1 1 2 Sodium ppm ASTM D5185m >20 1 10 1 Patr	Vanadium	ppm	ASTM D5185m		<1	0	0
Boron ppm ASTM D5185m 1 1 0 Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m 2 2 0 Calcium ppm ASTM D5185m 4 4 7 Phosphorus ppm ASTM D5185m 615 627 579 Zinc ppm ASTM D5185m 6 10 14 Sulfur ppm ASTM D5185m 615 3821 3230 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 1 1 2 Sodium ppm ASTM D5185m >20 1 <1	Cadmium		ASTM D5185m		0	0	0
Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m 2 2 0 Magnesium ppm ASTM D5185m 2 2 0 Calcium ppm ASTM D5185m 4 4 7 Phosphorus ppm ASTM D5185m 615 627 579 Zinc ppm ASTM D5185m 66 10 14 Sulfur ppm ASTM D5185m 3736 3821 3230 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 1 1 2 Sodium ppm ASTM D5185m >20 1 <1 0 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 12	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m <1	Boron	ppm	ASTM D5185m		1	1	0
Manganese ppm ASTM D5185m <1 <1 0 Magnesium ppm ASTM D5185m 2 2 0 Calcium ppm ASTM D5185m 4 4 7 Phosphorus ppm ASTM D5185m 615 627 579 Zinc ppm ASTM D5185m 6 10 14 Sulfur ppm ASTM D5185m 3736 3821 3230 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 1 1 2 Potassium ppm ASTM D5185m >20 1 <1	Barium	ppm	ASTM D5185m		0	0	0
Manganese ppm ASTM D5185m <1 <1 <1 0 Magnesium ppm ASTM D5185m 2 2 0 Calcium ppm ASTM D5185m 4 4 7 Phosphorus ppm ASTM D5185m 615 627 579 Zinc ppm ASTM D5185m 6 10 14 Sulfur ppm ASTM D5185m 3736 3821 3230 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 1 1 2 Sodium ppm ASTM D5185m >20 1 <1	Molybdenum		ASTM D5185m		0	0	0
Magnesium ppm ASTM D5185m 2 2 0 Calcium ppm ASTM D5185m 4 4 7 Phosphorus ppm ASTM D5185m 615 627 579 Zinc ppm ASTM D5185m 6 10 14 Sulfur ppm ASTM D5185m 3736 3821 3230 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 1 1 2 Sodium ppm ASTM D5185m >20 1 <1	•		ASTM D5185m		<1	<1	0
Calcium ppm ASTM D5185m 4 4 7 Phosphorus ppm ASTM D5185m 615 627 579 Zinc ppm ASTM D5185m 6 10 14 Sulfur ppm ASTM D5185m 3736 3821 3230 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 1 1 2 Sodium ppm ASTM D5185m >20 1 <1	Magnesium				2	2	0
Phosphorus ppm ASTM D5185m 615 627 579 Zinc ppm ASTM D5185m 6 10 14 Sulfur ppm ASTM D5185m 3736 3821 3230 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 1 1 2 Sodium ppm ASTM D5185m >15 1 0 <1	Calcium		ASTM D5185m		4	4	7
Zinc ppm ASTM D5185m 6 10 14 Sulfur ppm ASTM D5185m 3736 3821 3230 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 1 1 2 Sodium ppm ASTM D5185m >15 1 0 <1	Phosphorus	ppm			615	627	579
Sulfur ppm ASTM D5185m 3736 3821 3230 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 1 1 2 Sodium ppm ASTM D5185m >15 1 0 <1	Zinc		ASTM D5185m		6	10	14
Silicon ppm ASTM D5185m >15 1 1 2 Sodium ppm ASTM D5185m <1	Sulfur				3736		3230
Sodium ppm ASTM D5185m <1	CONTAMINANTS	6	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 1 <1 0 FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 12714 1321 10865 Particles >6µm ASTM D7647 >1300 3269 125 3099 Particles >14µm ASTM D7647 >160 179 11 156 Particles >14µm ASTM D7647 >40 41 3 21 Particles >21µm ASTM D7647 >10 1 0 1 Particles >38µm ASTM D7647 >3 0 0 0 Particles >71µm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 21/19/15 18/14/11 21/19/14 FLUID DEGRADATION method limit/base current history1 history2	Silicon	ppm	ASTM D5185m	>15	1	1	2
FLUID CLEANLINESS method limit/base current history1 history2 Particles >4µm ASTM D7647 >5000 12714 1321 10865 Particles >6µm ASTM D7647 >1300 3269 125 3099 Particles >14µm ASTM D7647 >160 179 11 156 Particles >21µm ASTM D7647 >40 41 3 21 Particles >38µm ASTM D7647 >10 1 0 1 Particles >71µm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 21/19/15 18/14/11 21/19/14	Sodium	ppm	ASTM D5185m		<1	0	<1
Particles >4µm ASTM D7647 >5000 ▲ 12714 1321 ▲ 10865 Particles >6µm ASTM D7647 >1300 ▲ 3269 125 ▲ 3099 Particles >14µm ASTM D7647 >160 ▲ 179 11 156 Particles >21µm ASTM D7647 >40 41 3 21 Particles >21µm ASTM D7647 >10 1 0 1 Particles >38µm ASTM D7647 >10 1 0 1 Particles >71µm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 21/19/15 18/14/11 21/19/14 FLUID DEGRADATION method limit/base current history1 history2	Potassium	ppm	ASTM D5185m	>20	1	<1	0
Particles >6µm ASTM D7647 >1300 ▲ 3269 125 ▲ 3099 Particles >14µm ASTM D7647 >160 ▲ 179 11 156 Particles >21µm ASTM D7647 >40 41 3 21 Particles >38µm ASTM D7647 >10 1 0 1 Particles >38µm ASTM D7647 >3 0 0 0 Particles >71µm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 21/19/15 18/14/11 21/19/14	FLUID CLEANLIN	NESS	method	limit/base	current	history1	history2
Particles >14μm ASTM D7647 >160 ▲ 179 11 156 Particles >21μm ASTM D7647 >40 41 3 21 Particles >38μm ASTM D7647 >10 1 0 1 Particles >38μm ASTM D7647 >3 0 0 0 Particles >71μm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 21/19/15 18/14/11 21/19/14 FLUID DEGRADATION method limit/base current history1 history2	Particles >4µm		ASTM D7647	>5000	12714	1321	1 0865
Particles >21μm ASTM D7647 >40 41 3 21 Particles >38μm ASTM D7647 >10 1 0 1 Particles >38μm ASTM D7647 >10 1 0 1 Particles >71μm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 21/19/15 18/14/11 21/19/14 FLUID DEGRADATION method limit/base current history1 history2	Particles >6µm		ASTM D7647	>1300	<u> </u>	125	▲ 3099
Particles >38μm ASTM D7647 >10 1 0 1 Particles >71μm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 21/19/15 18/14/11 21/19/14 FLUID DEGRADATION method limit/base current history1 history2	Particles >14µm		ASTM D7647	>160	<u> </u>	11	156
Particles >71μm ASTM D7647 >3 0 0 0 Oil Cleanliness ISO 4406 (c) >19/17/14 21/19/15 18/14/11 21/19/14 FLUID DEGRADATION method limit/base current history1 history2	Particles >21µm		ASTM D7647	>40	41	3	21
Oil Cleanliness ISO 4406 (c) >19/17/14 21/19/15 18/14/11 21/19/14 FLUID DEGRADATION method limit/base current history1 history2	Particles >38µm		ASTM D7647	>10	1	0	1
Oil Cleanliness ISO 4406 (c) >19/17/14 21/19/15 18/14/11 21/19/14 FLUID DEGRADATION method limit/base current history1 history2	Particles >71µm		ASTM D7647	>3	0	0	0
· · · · ·	Oil Cleanliness			>19/17/14	A 21/19/15	18/14/11	▲ 21/19/14
Acid Number (AN) mg KOH/g ASTM D8045 1.46 1.27 1.39	FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
	Acid Number (AN)	mg KOH/g	ASTM D8045		1.46	1.27	1.39

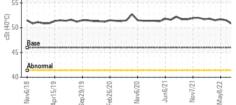


OIL ANALYSIS REPORT



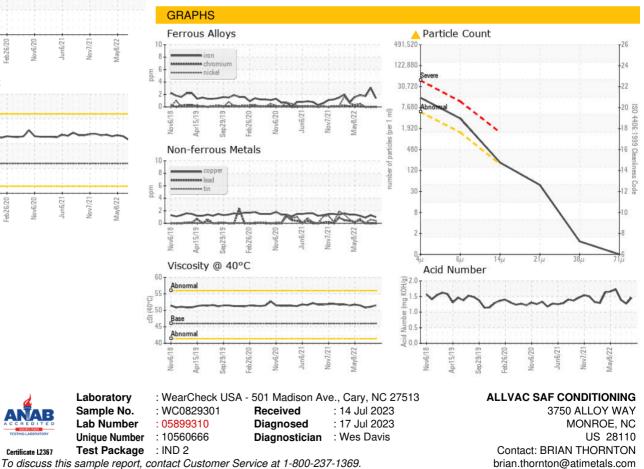


Acie 2.0 T	d Num	ber						
(B/H0, 1.5-	2	\sim	\sim	~~~	~	\sim	5	/
Acid Number (mg K0H/g)					~			
0.0								
Nov6/18	Apr15/19	Sep29/19	Feb26/20	Nov6/20	Jun6/21	Nov7/21	May8/22	1
Vise	cosity	@ 40°	°C					
55 -	ormal							



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	VLITE
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	VLITE
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	>0.05	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPER	TIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46	51.5	51.1	50.8
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color				H	Top too.	
				1		

Bottom



* - 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)

Certificate L2367

F:

T: (704)289-4511