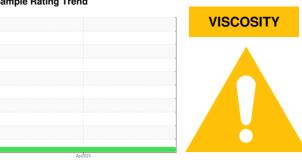


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

WALDEN X LIFT SL21

Component Hydraulic System

AW HYDRAULIC OIL ISO 68 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please contact your representative for information regarding the proper sampling kits for your service. NOTE: We recommend using MOB 2 test kits, this testkit includes Particle Count to determine the ISO cleanliness of the fluid.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the component(unconfirmed).

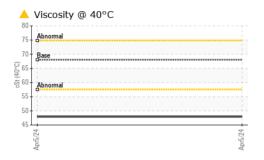
Fluid Condition

Viscosity of sample indicates oil is within ISO 46 range, advise investigate. The condition of the oil is acceptable for the time in service.

Sample Number Client Info WC0861419	SAMPLE INFORM	MOITAL	method	limit/base	current	historyd	history
Contamination Color Colo		AHON		iiiiii/base		history1	history2
Machine Age hrs Client Info 0 Dil Age hrs Client Info 0 Dil Changed Client Info N/A Sample Status Dil Changed Current history1 history2 Water WC Method >0.1 NEG Wear METALS method limit/base current history1 history2 Iron ppm ASTM 05185(m) >20 2 Iron ppm ASTM 05185(m) >10 0 Nickel ppm ASTM 05185(m) >10 0 Silver ppm ASTM 05185(m) >10 <1							
Dil Age					•		
Contamped Collection Collection Contamped Collection Contamped Collection Contamped Collection Contamped Collection Contamped Collection Contamped Collection Collection							
ABNORMAL	Oil Age	hrs			-		
CONTAMINATION method limit/base current history1 history2 Water WC Method >0.1 NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >20 2 Chromium ppm ASTM D5185(m) >10 0 Nickel ppm ASTM D5185(m) >10 0 Sliver ppm ASTM D5185(m) >10 <1 Aluminum ppm ASTM D5185(m) >10 <1 Aluminum ppm ASTM D5185(m) >10 <1 Lead ppm ASTM D5185(m) >10 0 Actual minum ppm ASTM D5185(m) >75 <1 Antimony ppm ASTM D5185(m) 0	Oil Changed		Client Info				
Water WC Method >0.1 NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D518S(m) >20 2 Chromium ppm ASTM D518S(m) >10 0 Nickel ppm ASTM D518S(m) 0 Nickel ppm ASTM D518S(m) 0 Silver ppm ASTM D518S(m) >10 <1 Aluminum ppm ASTM D518S(m) >10 0 Aluminum ppm ASTM D518S(m) >10 0 Copper ppm ASTM D518S(m) >10 0 Copper ppm ASTM D518S(m) 0 Vanadium ppm ASTM D518S(m) 0 <th< td=""><td>Sample Status</td><td></td><td></td><td></td><td>ABNORMAL</td><td></td><td></td></th<>	Sample Status				ABNORMAL		
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >20 2 Chromium ppm ASTM D5185(m) >10 0 Nickel ppm ASTM D5185(m) >10 0 Sliver ppm ASTM D5185(m) 0 Aluminum ppm ASTM D5185(m) >10 <1 Lead ppm ASTM D5185(m) >10 0 Lead ppm ASTM D5185(m) >10 0 Copper ppm ASTM D5185(m) >10 0 Tin ppm ASTM D5185(m) 0 Vanadium ppm ASTM D5185(m) 0 Beryllium ppm ASTM D5185(m) 0	CONTAMINATION	I	method	limit/base	current	history1	history2
Contromium	Water		WC Method	>0.1	NEG		
Chromium	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185(m)	>20	2		
Titanium	Chromium	ppm	ASTM D5185(m)	>10	0		
Silver	Nickel	ppm	ASTM D5185(m)	>10	0		
Astmostage	Titanium	ppm	ASTM D5185(m)		0		
Lead	Silver	ppm	ASTM D5185(m)		0		
Description	Aluminum	ppm	ASTM D5185(m)	>10	<1		
Tin	Lead	ppm	ASTM D5185(m)	>10	0		
Tin	Copper	ppm	ASTM D5185(m)	>75	<1		
Vanadium ppm ASTM D5185(m) 0 Beryllium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 5 8 Barium ppm ASTM D5185(m) 5 0 Barium ppm ASTM D5185(m) 5 4 Molybdenum ppm ASTM D5185(m) 5 4 Manganese ppm ASTM D5185(m) 25 74 Magnesium ppm ASTM D5185(m) 200 232 Phosphorus ppm ASTM D5185(m) 370 492 Sulfur ppm ASTM D5185(m) 2500 1562 <td>Tin</td> <td>ppm</td> <td>ASTM D5185(m)</td> <td>>10</td> <td>0</td> <td></td> <td></td>	Tin	ppm	ASTM D5185(m)	>10	0		
Vanadium ppm ASTM D5185(m) 0 Beryllium ppm ASTM D5185(m) 0 Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 5 8 Barium ppm ASTM D5185(m) 5 0 Molybdenum ppm ASTM D5185(m) 5 4 Manganese ppm ASTM D5185(m) 25 74 Magnesium ppm ASTM D5185(m) 200 232 Phosphorus ppm ASTM D5185(m) 370 492 Zinc ppm ASTM D5185(m) 2500 1562 Sulfur ppm ASTM D5185(m) >20 <1 </td <td>Antimony</td> <td>ppm</td> <td>ASTM D5185(m)</td> <td></td> <td>0</td> <td></td> <td></td>	Antimony	ppm	ASTM D5185(m)		0		
Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 5 8 Barium ppm ASTM D5185(m) 5 0 Molybdenum ppm ASTM D5185(m) 5 4 Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) 25 74 Calcium ppm ASTM D5185(m) 200 232 Phosphorus ppm ASTM D5185(m) 370 492 Sulfur ppm ASTM D5185(m) 2500 1562 Lithium ppm ASTM D5185(m) <1	Vanadium		ASTM D5185(m)		0		
Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 5 8 Barium ppm ASTM D5185(m) 5 0 Molybdenum ppm ASTM D5185(m) 5 4 Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) 25 74 Calcium ppm ASTM D5185(m) 200 232 Phosphorus ppm ASTM D5185(m) 300 382 Zinc ppm ASTM D5185(m) 2500 1562 Sulfur ppm ASTM D5185(m) <1	Beryllium	ppm	ASTM D5185(m)		0		
Boron ppm ASTM D5185(m) 5 8 Barium ppm ASTM D5185(m) 5 0 Molybdenum ppm ASTM D5185(m) 5 4 Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) 25 74 Calcium ppm ASTM D5185(m) 200 232 Phosphorus ppm ASTM D5185(m) 300 382 Zinc ppm ASTM D5185(m) 370 492 Sulfur ppm ASTM D5185(m) 2500 1562 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 <1 Sodium ppm ASTM D5185(m) <1	Cadmium	ppm	ASTM D5185(m)		0		
Barium	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185(m) 5 4 Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) 25 74 Calcium ppm ASTM D5185(m) 200 232 Phosphorus ppm ASTM D5185(m) 300 382 Zinc ppm ASTM D5185(m) 370 492 Sulfur ppm ASTM D5185(m) 2500 1562 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Solicon ppm ASTM D5185(m) >20 <1 Sodium ppm ASTM D5185(m) <20 <1	Boron	ppm	ASTM D5185(m)	5	8		
Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) 25 74 Calcium ppm ASTM D5185(m) 200 232 Phosphorus ppm ASTM D5185(m) 300 382 Zinc ppm ASTM D5185(m) 370 492 Sulfur ppm ASTM D5185(m) 2500 1562 Lithium ppm ASTM D5185(m) <1	Barium	ppm	ASTM D5185(m)	5	0		
Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) 25 74 Calcium ppm ASTM D5185(m) 200 232 Phosphorus ppm ASTM D5185(m) 300 382 Zinc ppm ASTM D5185(m) 370 492 Sulfur ppm ASTM D5185(m) 2500 1562 Lithium ppm ASTM D5185(m) <1	Molybdenum	ppm	ASTM D5185(m)	5	4		
Calcium ppm ASTM D5185(m) 200 232 Phosphorus ppm ASTM D5185(m) 300 382 Zinc ppm ASTM D5185(m) 370 492 Sulfur ppm ASTM D5185(m) 2500 1562 Lithium ppm ASTM D5185(m) <1	Manganese	ppm	ASTM D5185(m)		0		
Phosphorus ppm ASTM D5185(m) 300 382 Zinc ppm ASTM D5185(m) 370 492 Sulfur ppm ASTM D5185(m) 2500 1562 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 <1 Sodium ppm ASTM D5185(m) <1	Magnesium	ppm	ASTM D5185(m)	25	74		
Zinc ppm ASTM D5185(m) 370 492	Calcium	ppm	ASTM D5185(m)	200	232		
Zinc ppm ASTM D5185(m) 370 492 Sulfur ppm ASTM D5185(m) 2500 1562 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 <1 Sodium ppm ASTM D5185(m) <1	Phosphorus	ppm	ASTM D5185(m)	300	382		
Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 <1	Zinc		ASTM D5185(m)	370	492		
Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 <1	Sulfur	ppm	ASTM D5185(m)	2500	1562		
Silicon ppm ASTM D5185(m) >20 <1 Sodium ppm ASTM D5185(m) <1	Lithium		ASTM D5185(m)		<1		
Sodium ppm ASTM D5185(m) <1	CONTAMINANTS		method	limit/base	current	history1	history2
Sodium ppm ASTM D5185(m) <1	Silicon	mqq	ASTM D5185(m)	>20	<1		
1-1-	Sodium		. ,	-			
	Potassium		, ,	>20			



OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE		
Yellow Metal	scalar	Visual*	NONE	NONE		
Precipitate	scalar	Visual*	NONE	NONE		
Silt	scalar	Visual*	NONE	NONE		
Debris	scalar	Visual*	NONE	NONE		
Sand/Dirt	scalar	Visual*	NONE	NONE		
Appearance	scalar	Visual*	NORML	NORML		
Odor	scalar	Visual*	NORML	NORML		
Emulsified Water	scalar	Visual*	>0.1	NEG		
Free Water	scalar	Visual*		NEG		
FLUID PROPER	TIES	method	limit/base	current	history1	history2
/isc @ 40°C	cSt	ASTM D7279(m)	68	47.9		
SAMPLE IMAGE	S	method	limit/base	current	history1	history2
Color				Ente:	no image	no image
Bottom					no image	no image
GRAPHS						
Iron (ppm)			3	Lead (ppm)		
T				Dogwood		
Abnormal			E 2	Abnormal		
4			4	0 🕌		
Apr5/24			Apr5/24	Apr5/24		
Aluminum (ppm)				Chromium (pp	om)	
Severe			3	O T Severe		
Abnormal			E 2	Abnormal		
				0		
Apr5/24 -			Apr5/24	Apr5/24 -		
Apr			Apr	Apr		
Copper (ppm)				Silicon (ppm)		
Severe			6	Severe		
Abnormal			E 4	Abnormal		
0				0		
Apr5/24			Apr5/24 .	Apr5/24 -		
Ap			Ap	Ap		
Viscosity @ 40°C				Additives		
Abnormal Base			60	OT		



CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number : 02627901 Unique Number : 5761033 Test Package : MOB 1

: WC0861419

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received

Validity of results and interpretation are based on the sample and information as supplied.

Tested Diagnosed

: 10 Apr 2024 : 10 Apr 2024 : 10 Apr 2024 - Kevin Marson

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Agnico Eagle Canada 1350 Government Rd. W, MACASSA COMPLEX Kirkland Lake, ON CA P2N 3J1

Contact: Phil St-Denis Phil.St-Denis@agnicoeagle.com

T: (705)567-5208 F: (705)567-5221

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.

Contact/Location: Phil St-Denis - KIR370KIR