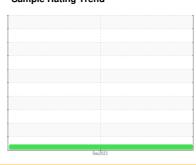


OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id JUM013 Component Hydraulic System Fluid HYD 46 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. 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).

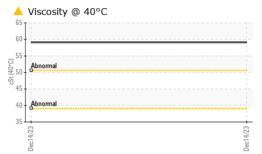
Fluid Condition

Viscosity of sample indicates oil is within ISO 68 range, advise investigate. The condition of the oil is acceptable for the time in service.

Sample Number Client Info WC0770046							
Sample Number Client Info WC0770046					Dec2023		
Sample Date Client Info 14 Dec 2023	SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Machine Age hrs Client Info 0	Sample Number		Client Info		WC0770046		
Oil Age hrs Client Info N/A Sample Status ABNORMAL 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) >10 0 Chromium ppm ASTM D5185(m) >10 0 Nickel ppm ASTM D5185(m) >10 <1 Aluminum ppm ASTM D5185(m) >10 <1 <tr< td=""><td>Sample Date</td><td></td><td>Client Info</td><td></td><td>14 Dec 2023</td><td></td><td></td></tr<>	Sample Date		Client Info		14 Dec 2023		
Contamped Client Info N/A	Machine Age	hrs	Client Info		0		
ABNORMAL	Oil Age	hrs	Client Info		0		
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 1 Chromium ppm ASTM D5185(m) >10 0 Nickel ppm ASTM D5185(m) >10 <1 Silver 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 <1 Copper ppm ASTM D5185(m) >75 <1 Tin ppm ASTM D5185(m) 0 <	Oil Changed		Client Info		N/A		
Water WC Method >0.1 NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >20 1 Chromium ppm ASTM D5185(m) >10 0 Nickel ppm ASTM D5185(m) >10 <1 Titanium 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 <1 Lead ppm ASTM D5185(m) >10 <1 Copper ppm ASTM D5185(m) >10 Tin ppm ASTM D5185(m) 0 <	Sample Status				ABNORMAL		
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185(m) >20 1 Chromium ppm ASTM D5185(m) >10 0 Nickel ppm ASTM D5185(m) >10 <1	CONTAMINATIO	ON	method	limit/base	current	history1	history2
	Water		WC Method	>0.1	NEG		
Chromium	WEAR METALS)	method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185(m)	>20	1		
Description	Chromium	ppm	ASTM D5185(m)	>10	0		
Silver	Nickel		ASTM D5185(m)	>10	<1		
Aluminum	Titanium	ppm	ASTM D5185(m)		0		
Lead	Silver	ppm	ASTM D5185(m)		<1		
Copper ppm ASTM D5185(m) >75 <1 Tin ppm ASTM D5185(m) >10 0 Antimony ppm ASTM D5185(m) 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) <1	Aluminum	ppm	ASTM D5185(m)	>10	<1		
Tin ppm ASTM D5185(m) >10 0 Antimony ppm ASTM D5185(m) 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) <1 Barium ppm ASTM D5185(m) <1 Molybdenum ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) 0 Calcium ppm ASTM D5185(m) <1 Calcium ppm ASTM D5185(m) 51 Calcium ppm ASTM D5185(m) 340 Zinc ppm ASTM D5185(m) 436 Sulfur ppm ASTM D5185(m) 436 Sulfur ppm ASTM D5185(m) 436 CONTAMINANTS method limit/base current history1 history2 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) <1 Sodium ppm ASTM D5185(m) >20 <1 Sodium ppm ASTM D5185(m) <1 Sodium ppm ASTM D5185(m) <1	Lead	ppm	ASTM D5185(m)	>10	<1		
Antimony ppm ASTM D5185(m) 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) <1	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) <1 Barium ppm ASTM D5185(m) 0 Molybdenum ppm ASTM D5185(m) 0 Magnese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) 51 Calcium ppm ASTM D5185(m) 340 Phosphorus ppm ASTM D5185(m) 436 Sulfur ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current	Tin	ppm	ASTM D5185(m)	>10	0		
Beryllium	Antimony	ppm	ASTM D5185(m)		0		
Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) <1	Vanadium	ppm	ASTM D5185(m)		0		
ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) <1	Beryllium	ppm	ASTM D5185(m)		0		
Boron ppm ASTM D5185(m) <1 Barium ppm ASTM D5185(m) <1 Molybdenum ppm ASTM D5185(m) 0 Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) <1 Calcium ppm ASTM D5185(m) 51 Phosphorus ppm ASTM D5185(m) 340 Zinc ppm ASTM D5185(m) 436 Sulfur ppm ASTM D5185(m) 6150 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) 0 Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) <1 Calcium ppm ASTM D5185(m) 51 Phosphorus ppm ASTM D5185(m) 340 Zinc ppm ASTM D5185(m) 436 Sulfur ppm ASTM D5185(m) 6150 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	Boron	ppm	ASTM D5185(m)		<1		
Manganese ppm ASTM D5185(m) 0 Magnesium ppm ASTM D5185(m) <1	Barium	ppm	ASTM D5185(m)		<1		
Magnesium ppm ASTM D5185(m) <1	Molybdenum	ppm	ASTM D5185(m)		0		
Calcium ppm ASTM D5185(m) 51 Phosphorus ppm ASTM D5185(m) 340 Zinc ppm ASTM D5185(m) 436 Sulfur ppm ASTM D5185(m) 6150 Lithium ppm ASTM D5185(m) <1	Manganese	ppm	ASTM D5185(m)		0		
Phosphorus ppm ASTM D5185(m) 340 Zinc ppm ASTM D5185(m) 436 Sulfur ppm ASTM D5185(m) 6150 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)		<1		
Zinc ppm ASTM D5185(m) 436 Sulfur ppm ASTM D5185(m) 6150 Lithium ppm ASTM D5185(m) <1	Calcium	ppm	ASTM D5185(m)		51		
Sulfur ppm ASTM D5185(m) 6150 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)		340		
Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 <1	Zinc	ppm	ASTM D5185(m)		436		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >20 <1	Sulfur	ppm	ASTM D5185(m)		6150		
Silicon ppm ASTM D5185(m) >20 <1 Sodium ppm ASTM D5185(m) <1	Lithium	ppm	ASTM D5185(m)		<1		
Sodium ppm ASTM D5185(m) <1	CONTAMINANT	S	method	limit/base	current	history1	history2
Sodium ppm ASTM D5185(m) <1	Silicon	ppm	ASTM D5185(m)	>20	<1		
	Potassium	ppm	ASTM D5185(m)	>20			

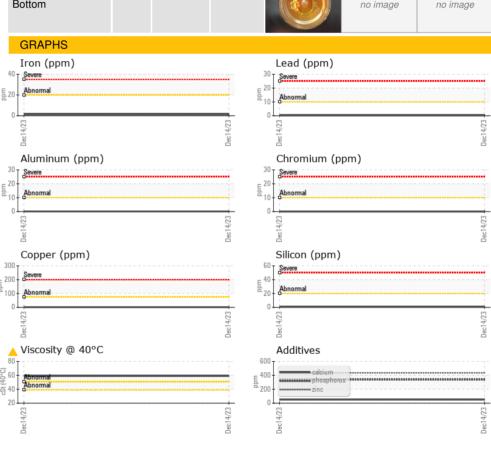


OIL ANALYSIS REPORT



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 PROPERT	TES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	4	▲ 59.1		
SAMPLE IMAGES		method	limit/base	current	history1	history2

No.		
	no image	no image
	no image	no image
Lead (ppm)		
	30 Severe	no image Lead (ppm)





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number : 5696613

Test Package : MOB 1

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

: WC0770046 : 02603528

Recieved Diagnosed

: 15 Dec 2023 : 18 Dec 2023 Diagnostician : Kevin Marson

Agnico Eagle Canada 1350 Government Rd. W, MACASSA COMPLEX

Kirkland Lake, ON CA P2N 3J1

Contact: Tony Tees tony.tees@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. Validity of results and interpretation are based on the sample and information as supplied.