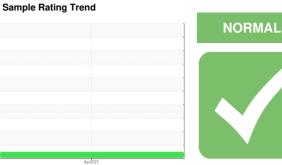


OIL ANALYSIS REPORT





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil

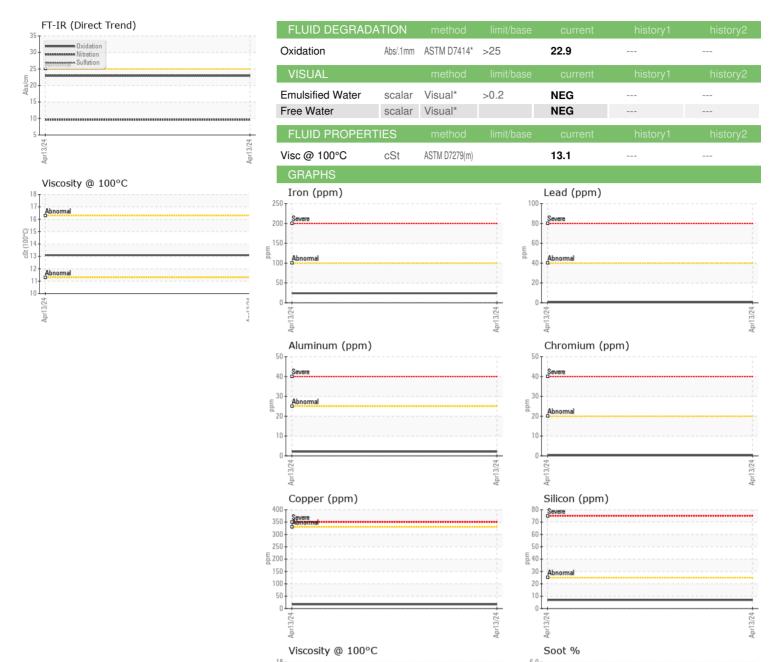
Fluid Condition

The condition of the oil is acceptable for the time in service.

Boron ppm ASTM D5185(m) 26 Barium ppm ASTM D5185(m) 0 Molybdenum ppm ASTM D5185(m) 39 Manganese ppm ASTM D5185(m) <1 Magnesium ppm ASTM D5185(m) 520 Calcium ppm ASTM D5185(m) 1750 Phosphorus ppm ASTM D5185(m) 728 Zinc ppm ASTM D5185(m) 871 Sulfur ppm ASTM D5185(m) 1977 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >25 7 Sodium ppm ASTM D5185(m) >2)				Apr2024		
Sample Number	SAMPLE INFORM	1ATION	method	limit/base	current	historv1	historv2
Sample Date		., (11011		mmubacc			111010172
Machine Age hrs Client Info 2946 Oil Age hrs Client Info 0 Oil Changed Client Info 0 Sample Status NORMAL CONTAMINATION method Imilibase current history1 history2 Fuel WC Method >5 <1.0							
Oil Age hrs Client Info Changed		bro			•		
Contained Client Info Changed Normal Contained Normal Contained Contained							
CONTAMINATION	•	1113			-		
CONTAMINATION			Ciletit iiilo		_		
Fuel	<u>'</u>	J	method	limit/base			
Water WC Method Sol.2 NEG Sol.2 NEG Sol.2 NEG Sol.2 NEG Sol.3		<u>. </u>					
WEAR METALS							
WEAR METALS				>0.2			
Iron					NEG		
Chromium	WEAR METALS		method	limit/base	current	history1	history2
Nickel	-		. ,				
Titanium			. ,				
Silver		ppm	. ,				
Alluminum		ppm	, ,	>2			
Lead	Silver	ppm	ASTM D5185(m)	>2			
ASTM D5185(m) >330 17	Aluminum	ppm	ASTM D5185(m)	>25	2		
Tin	Lead	ppm	ASTM D5185(m)	>40	<1		
Antimony	Copper	ppm	ASTM D5185(m)	>330	17		
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) 26 Barium ppm ASTM D5185(m) 0 Barium ppm ASTM D5185(m) 39 Molybdenum ppm ASTM D5185(m) 39 Manganese ppm ASTM D5185(m) 520 Magnesium ppm ASTM D5185(m) 520 Phosphorus ppm ASTM D5185(m) 728 Sulfur ppm ASTM D5185(m) 871 Sulfur ppm ASTM D5185(m) >25 7 <td>Tin</td> <td>ppm</td> <td>ASTM D5185(m)</td> <td>>15</td> <td><1</td> <td></td> <td></td>	Tin	ppm	ASTM D5185(m)	>15	<1		
Description	Antimony	ppm	ASTM D5185(m)		0		
Cadmium ppm ASTM D5185(m) 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185(m) 26 Barium ppm ASTM D5185(m) 0 Molybdenum ppm ASTM D5185(m) 39 Manganese ppm ASTM D5185(m) <1	Vanadium	ppm	ASTM D5185(m)		0		
ADDITIVES	Beryllium	ppm	ASTM D5185(m)		0		
Boron	Cadmium	ppm	ASTM D5185(m)		0		
Barium	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185(m) 39 Manganese ppm ASTM D5185(m) <1	Boron	ppm	ASTM D5185(m)		26		
Manganese ppm ASTM D5185(m) <1 Magnesium ppm ASTM D5185(m) 520 Calcium ppm ASTM D5185(m) 1750 Phosphorus ppm ASTM D5185(m) 728 Zinc ppm ASTM D5185(m) 871 Sulfur ppm ASTM D5185(m) 1977 Lithium ppm ASTM D5185(m) <1	Barium	ppm	ASTM D5185(m)		0		
Magnesium ppm ASTM D5185(m) 520 Calcium ppm ASTM D5185(m) 1750 Phosphorus ppm ASTM D5185(m) 728 Zinc ppm ASTM D5185(m) 871 Sulfur ppm ASTM D5185(m) 1977 Lithium ppm ASTM D5185(m) <1	Molybdenum	ppm	ASTM D5185(m)		39		
Calcium ppm ASTM D5185(m) 1750 Phosphorus ppm ASTM D5185(m) 728 Zinc ppm ASTM D5185(m) 871 Sulfur ppm ASTM D5185(m) 1977 Lithium ppm ASTM D5185(m) <1	Manganese	ppm	ASTM D5185(m)		<1		
Phosphorus ppm ASTM D5185(m) 728 Zinc ppm ASTM D5185(m) 871 Sulfur ppm ASTM D5185(m) 1977 Lithium ppm ASTM D5185(m) <1	Magnesium	ppm	ASTM D5185(m)		520		
Zinc ppm ASTM D5185(m) 871 Sulfur ppm ASTM D5185(m) 1977	Calcium	ppm	ASTM D5185(m)		1750		
Sulfur ppm ASTM D5185(m) 1977 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >25 7 Sodium ppm ASTM D5185(m) >118 2 Potassium ppm ASTM D5185(m) >20 0 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0.2 Nitration Abs/cm ASTM D7624* >20 9.6	Phosphorus	ppm	ASTM D5185(m)		728		
Sulfur ppm ASTM D5185(m) 1977 Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >25 7 Sodium ppm ASTM D5185(m) >118 2 Potassium ppm ASTM D5185(m) >20 0 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0.2 Nitration Abs/cm ASTM D7624* >20 9.6	Zinc	ppm	ASTM D5185(m)		871		
Lithium ppm ASTM D5185(m) <1 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >25 7 Sodium ppm ASTM D5185(m) >118 2 Potassium ppm ASTM D5185(m) >20 0 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0.2 Nitration Abs/cm ASTM D7624* >20 9.6							
Silicon ppm ASTM D5185(m) >25 7 Sodium ppm ASTM D5185(m) >118 2 Potassium ppm ASTM D5185(m) >20 0 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0.2 Nitration Abs/cm ASTM D7624* >20 9.6	Lithium				<1		
Sodium ppm ASTM D5185(m) >118 2 Potassium ppm ASTM D5185(m) >20 0 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0.2 Nitration Abs/cm ASTM D7624* >20 9.6	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium ppm ASTM D5185(m) >20 0 INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0.2 Nitration Abs/cm ASTM D7624* >20 9.6	Silicon	ppm	ASTM D5185(m)	>25	7		
INFRA-RED method limit/base current history1 history2 Soot % % ASTM D7844* >3 0.2 Nitration Abs/cm ASTM D7624* >20 9.6	Sodium	ppm	ASTM D5185(m)	>118	2		
Soot % % ASTM D7844* >3 0.2 Nitration Abs/cm ASTM D7624* >20 9.6	Potassium	ppm	ASTM D5185(m)	>20	0		
Nitration Abs/cm ASTM D7624* >20 9.6	INFRA-RED		method	limit/base	current	history1	history2
	Soot %	%	ASTM D7844*	>3	0.2		
	Nitration	Abs/cm	ASTM D7624*	>20	9.6		
		Abs/.1mm					



OIL ANALYSIS REPORT







Laboratory Sample No.

: WC0920179 Lab Number : 02629580 Unique Number : 5762712 Test Package : MOB 1

· ジェ13

10

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 Received : 17 Apr 2024

Tested : 17 Apr 2024 Diagnosed : 17 Apr 2024 - Wes Davis

4.0

0.0

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

Contact: Mitch Lamontagne AEM_KL_macassaoilsampleresults@agnicoeagle.com

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.

F: (705)567-5221 Contact/Location: Mitch Lamontagne - KIR370KIR

T: (705)567-5208