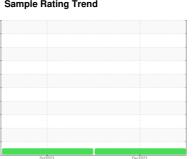


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



EPIROC SX1030 SCP218

Front Right Planetary

PENNZOIL SYNTHETIC SAE 75W140 GL-5

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

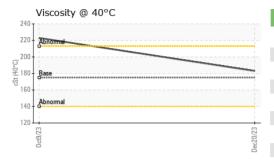
Fluid Condition

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

SAMPLE INFORMATION	(GAL)			0ct2023	Dec2023		
Sample Number Client Info WC0883828 WC0865522 WC0865522	SAMPLE INFORM	MATION	method			history1	history2
Collect Info Coll				mmesacc			
Machine Age hrs Client Info 500 3739	•						
Dil Age	•	hre					
Not Changed Client Info Not Changed NORMAL NORM							
NORMAL NORMAL CONTAMINATION method limit/base current history1 hist Normal Normal Contamination Normal Contamination Normal Contamination Normal Norm	•	1113					
CONTAMINATION method limit/base current history1 hist Water WC Method >0.2 NEG NEG			Ollerit IIIIO			Ü	
Water WC Method >0.2 NEG NEG	·	N	method	limit/base		-	history2
Chromium ppm ASTM D5185(m) >500 28 31							
Chromium ppm ASTM D5185(m) >500 28 31	WEAR METALS		method	limit/base	current	history1	history2
Description		nnm					
STAN D5185(m) >10			()				
Description			()				
Silver				>10			
Aluminum ppm ASTM D5185(m) >25 3 2 Lead ppm ASTM D5185(m) >25 0 <1 Antimony ppm ASTM D5185(m) >5 0 0 <1 Antimony ppm ASTM D5185(m) >5 0 0 0 Antimony ppm ASTM D5185(m) >5 0 0 0 Antimony ppm ASTM D5185(m) >5 0 0 0 0 Beryllium ppm ASTM D5185(m) 0 0 0 0 Beryllium ppm ASTM D5185(m) 0 0 0 0 Cadmium ppm ASTM D5185(m) 0 0 0 0 ADDITIVES method limit/base current history1 hist Boron ppm ASTM D5185(m) 0 0 0 Barium ppm ASTM D5185(m) 5 12 Calcium ppm ASTM D5185(m) 5 12 Calcium ppm ASTM D5185(m) 18471 19253 Lithium ppm ASTM D5185(m) Lithium ppm ASTM D5185(m) CONTAMINANTS method limit/base current history1 hist CONTAMINANTS method limit/base current history1 hist Sillicon ppm ASTM D5185(m) >75 12 7 Bodium ppm ASTM D5185(m) >75 12 7			. ,		-		
Dept			()	> 25			
ASTM D5185(m) >75 2 8			(/		-	_	
Antimony ppm ASTM D5185(m) >10 0 0 0 0 0 0 0 0 0			, ,				
Antimony	• • • • • • • • • • • • • • • • • • • •		. ,		_		
Vanadium ppm ASTM D5185(m) 0 0 Beryllium ppm ASTM D5185(m) 0 0 Cadmium ppm ASTM D5185(m) 0 0 ADDITIVES method limit/base current history1 hist Boron ppm ASTM D5185(m) 120 227 Barium ppm ASTM D5185(m) 0 <1 Barium ppm ASTM D5185(m) 0 <1 Molybdenum ppm ASTM D5185(m) 0 0 Magnesium ppm ASTM D5185(m) 2 2 2 Calcium ppm ASTM D5185(m) 9 18 Phosphorus ppm ASTM D5185(m) 5 12 Zinc ppm ASTM D5185(m) 18471 19253 Lithium ppm ASTM D5185(m) >75 12 7			()				
Description	•		, ,	>0	-		
Cadmium ppm ASTM D5185(m) 0 0 ADDITIVES method limit/base current history1 hist Boron ppm ASTM D5185(m) 120 227 Barium ppm ASTM D5185(m) 0 <1			, ,			_	
ADDITIVES method limit/base current history1 history1 history0	•		,		-		
Boron ppm ASTM D5185(m) 120 227 Barium ppm ASTM D5185(m) 0 <1 Molybdenum ppm ASTM D5185(m) 0 0 Manganese ppm ASTM D5185(m) 0 0 Magnesium ppm ASTM D5185(m) 2 2 2 Calcium ppm ASTM D5185(m) 9 18 Phosphorus ppm ASTM D5185(m) 851 940 Sulfur ppm ASTM D5185(m) 5 12 Sulfur ppm ASTM D5185(m) 18471 19253 Lithium ppm ASTM D5185(m) <1 <1 CONTAMINANTS method limit/base current history1 hist Solicon ppm ASTM D5185(m) >75 12 7 Sodium ppm ASTM D5185(m) 1 1 1		ррпп		limit/bass			
Description				imivoase			history2
Molybdenum ppm ASTM D5185(m) 0 0 Manganese ppm ASTM D5185(m) 0 0 Magnesium ppm ASTM D5185(m) 2 2 Calcium ppm ASTM D5185(m) 9 18 Phosphorus ppm ASTM D5185(m) 851 940 Zinc ppm ASTM D5185(m) 5 12 Sulfur ppm ASTM D5185(m) 18471 19253 Lithium ppm ASTM D5185(m) <1 <1 CONTAMINANTS method limit/base current history1 hist Goldium ppm ASTM D5185(m) 75 12 7 Goldium ppm ASTM D5185(m) 1 1 1			. ,		-		
Manganese ppm ASTM D5185(m) 0 0 Magnesium ppm ASTM D5185(m) 2 2 Calcium ppm ASTM D5185(m) 9 18 Phosphorus ppm ASTM D5185(m) 851 940 Zinc ppm ASTM D5185(m) 5 12 Sulfur ppm ASTM D5185(m) 18471 19253 Lithium ppm ASTM D5185(m) <1			()		-		
Magnesium ppm ASTM D5185(m) 2 2 Calcium ppm ASTM D5185(m) 9 18 Phosphorus ppm ASTM D5185(m) 851 940 Zinc ppm ASTM D5185(m) 5 12 Sulfur ppm ASTM D5185(m) 18471 19253 Lithium ppm ASTM D5185(m) <1	-						
Calcium ppm ASTM D5185(m) 9 18 Phosphorus ppm ASTM D5185(m) 851 940 Zinc ppm ASTM D5185(m) 5 12 Sulfur ppm ASTM D5185(m) 18471 19253 Lithium ppm ASTM D5185(m) <1	•		,		-		
Phosphorus ppm ASTM D5185(m) 851 940 Zinc ppm ASTM D5185(m) 5 12 Sulfur ppm ASTM D5185(m) 18471 19253 Lithium ppm ASTM D5185(m) <1			()				
Zinc ppm ASTM D5185(m) 5 12 Sulfur ppm ASTM D5185(m) 18471 19253 Lithium ppm ASTM D5185(m) <1			()		-		
Sulfur ppm ASTM D5185(m) 18471 19253 Lithium ppm ASTM D5185(m) <1 <1 CONTAMINANTS method limit/base current history1 hist Silicon ppm ASTM D5185(m) >75 12 7 Sodium ppm ASTM D5185(m) 1 1							
Lithium ppm ASTM D5185(m) <1 <1 CONTAMINANTS method limit/base current history1 hist Silicon ppm ASTM D5185(m) >75 12 7 Sodium ppm ASTM D5185(m) 1 1 1			,		-		
CONTAMINANTS method limit/base current history1 hist Silicon ppm ASTM D5185(m) >75 12 7 Sodium ppm ASTM D5185(m) 1 1			()				
Silicon ppm ASTM D5185(m) >75 12 7 Sodium ppm ASTM D5185(m) 1 1	Lithium	ppm	ASTM D5185(m)		<1	<1	
Sodium ppm ASTM D5185(m) 1 1	CONTAMINANTS	;	method	limit/base	current	history1	history2
pp	Silicon	ppm	ASTM D5185(m)	>75	12	7	
Potassium ppm ASTM D5185(m) >20 3 0	Sodium	ppm	ASTM D5185(m)		1	1	
	Potassium	ppm	ASTM D5185(m)	>20	3	0	

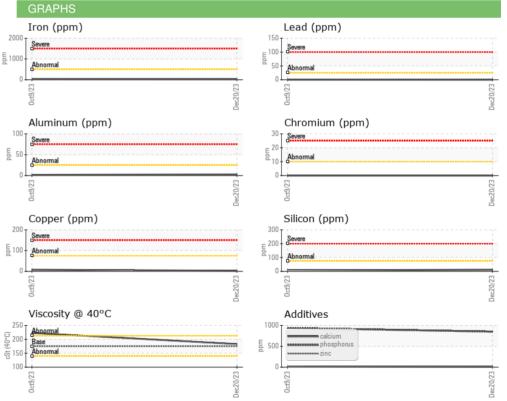


OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE	
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	
Precipitate	scalar	Visual*	NONE	NONE	NONE	
Silt	scalar	Visual*	NONE	NONE	NONE	
Debris	scalar	Visual*	NONE	NONE	NONE	
Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	
Appearance	scalar	Visual*	NORML	NORML	NORML	
Odor	scalar	Visual*	NORML	NORML	NORML	
Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	
Free Water	scalar	Visual*		NEG	NEG	
FLUID PROPERT	TES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	175	183	223	

SAMPLE IMAGES	method	limit/base	current	history1	history2
Color					no image
Bottom				000	no image





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number : 5698473

Test Package : MOB 1

: WC0883828 : 02605388

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

: 27 Dec 2023 : 27 Dec 2023 Diagnostician : Wes Davis

Agnico Eagle Canada 1350 Government Rd. W, MACASSA COMPLEX

Kirkland Lake, ON **CA P2N 3J1**

Contact: Mitch Lamontagne

AEM_KL_macassaoilsampleresults@agnicoeagle.com T: (705)567-5208

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