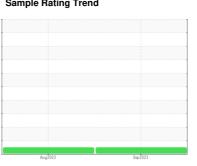


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



EPIROC MT65 TRK219

Rear Left 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

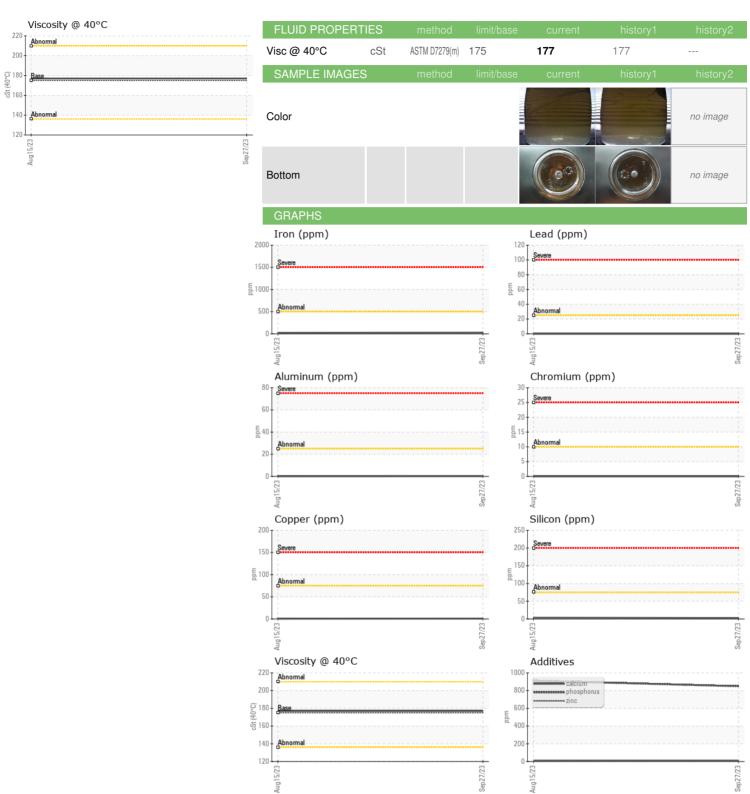
Fluid Condition

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

SAMPLE INFORMATION method limit/bass current history1 history1 sample Number Cilent Info WC0750465 WC0750497 WC07504							
Sample Number Client Info WC0750455 WC0750497	(GAL)			Aug2023	Sep 2023		
Sample Date Client Info 6884 6580	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age	Sample Number		Client Info		WC0750465	WC0750497	
Machine Age hrs Client Info 500	Sample Date		Client Info		27 Sep 2023	15 Aug 2023	
Oil Changed Client Info Not Changd NORMAL NORMA		hrs	Client Info		-		
NORMAL NORMAR NORMAL NORMAR N	Oil Age	hrs	Client Info		500	500	
NORMAL NORMAR NORMAL NORMAR N	Oil Changed		Client Info		Not Changd	Not Changd	
Iron	-				NORMAL	NORMAL	
Chromium ppm ASTM D5185(m) >10 0 0 Nickel ppm ASTM D5185(m) >10 <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185(m)	>500	26	22	
Titanium	Chromium	ppm	ASTM D5185(m)	>10	0	0	
Silver	Nickel	ppm	ASTM D5185(m)	>10	<1	0	
Aluminum	Titanium	ppm	ASTM D5185(m)		0	0	
Aluminum	Silver	ppm	ASTM D5185(m)		<1	0	
Lead	Aluminum		ASTM D5185(m)	>25	<1	<1	
Copper	Lead		1 /	>25	0	0	
Tin ppm ASTM D5185(m) >10 0 0	Copper		. ,		<1		
Antimony ppm ASTM D5185(m) >5 0 0	• •		(/				
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 history history Boron ppm ASTM D5185(m) 41 0 Barium ppm ASTM D5185(m) 0 <1 0 Molybdenum ppm ASTM D5185(m) 0 <1 Magnese ppm ASTM D5185(m) 0 <1 Magnesium ppm ASTM D5185(m) 5 6 Calcium ppm ASTM D5185(m) 5 6 Phosphorus ppm ASTM D5185(m) 5 6			\ /				
Beryllium	•		1 /	, 0			
Cadmium ppm ASTM D5185(m) 0 0 ADDITIVES method limit/base current history1 history1 Boron ppm ASTM D5185(m) <1			\ /				
Boron	-		(/				
Boron	ADDITIVES			limit/base	current	history1	history2
Barium		nnm					
Molybdenum ppm ASTM D5185(m) 0 <1 Manganese ppm ASTM D5185(m) 0 <1			. ,				
Manganese ppm ASTM D5185(m) 0 <1 Magnesium ppm ASTM D5185(m) <1			(/				
Magnesium ppm ASTM D5185(m) <1 <1 Calcium ppm ASTM D5185(m) 5 6 Phosphorus ppm ASTM D5185(m) 849 912 Zinc ppm ASTM D5185(m) 5 6 Sulfur ppm ASTM D5185(m) 18678 18998 Lithium ppm ASTM D5185(m) <1							
Calcium ppm ASTM D5185(m) 5 6 Phosphorus ppm ASTM D5185(m) 849 912 Zinc ppm ASTM D5185(m) 5 6 Sulfur ppm ASTM D5185(m) 18678 18998 Lithium ppm ASTM D5185(m) <1	•		1 /		-		
Phosphorus ppm ASTM D5185(m) 849 912 Zinc ppm ASTM D5185(m) 5 6 Sulfur ppm ASTM D5185(m) 18678 18998 Lithium ppm ASTM D5185(m) <1	_		. ,				
Zinc			, ,		_		
Sulfur			. ,				
Lithium ppm ASTM D5185(m) <1 <1 CONTAMINANTS method limit/base current history1 history Silicon ppm ASTM D5185(m) >75 3 4 Sodium ppm ASTM D5185(m) >20 <1	-		(/		_		
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185(m) >75 3 4 Sodium ppm ASTM D5185(m) >20 <1			. ,				
Silicon ppm ASTM D5185(m) >75 3 4 Sodium ppm ASTM D5185(m) 1 1 1 Potassium ppm ASTM D5185(m) >20 <1							
Sodium ppm ASTM D5185(m) 1 1 Potassium ppm ASTM D5185(m) >20 <1							history2
Potassium ppm ASTM D5185(m) >20 <1 <1 VISUAL method limit/base current history1 history White Metal scalar Visual* NONE NONE VLITE Yellow Metal scalar Visual* NONE NONE NONE Precipitate scalar Visual* NONE NONE NONE Silt scalar Visual* NONE NONE NONE Silt scalar Visual* NONE NONE NONE Debris scalar Visual* NONE NONE VLITE Sand/Dirt scalar Visual* NONE NONE NONE Appearance scalar Visual* NORML NORML NORML Codor scalar Visual* NORML NORML NORML Emulsified Water scalar Visual* >0.2 NEG NEG		ppm		>75			
VISUAL method limit/base current history1 history White Metal scalar Visual* NONE NONE VLITE Yellow Metal scalar Visual* NONE NONE NONE Precipitate scalar Visual* NONE NONE NONE Silt scalar Visual* NONE NONE NONE Debris scalar Visual* NONE NONE VLITE Sand/Dirt scalar Visual* NONE NONE NONE Appearance scalar Visual* NORML NORML NORML Appearance scalar Visual* NORML NORML NORML Emulsified Water scalar Visual* >0.2 NEG NEG			1 /	00			
White Metal scalar Visual* NONE NONE VLITE Yellow Metal scalar Visual* NONE NONE NONE Precipitate scalar Visual* NONE NONE NONE Silt scalar Visual* NONE NONE NONE Debris scalar Visual* NONE NONE VLITE 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		ppm					
Yellow Metal scalar Visual* NONE NONE NONE Precipitate scalar Visual* NONE NONE NONE Silt scalar Visual* NONE NONE NONE Debris scalar Visual* NONE NONE VLITE Sand/Dirt scalar Visual* NONE NONE NONE Appearance scalar Visual* NORML NORML NORML NORML Odor scalar Visual* >0.2 NEG NEG Emulsified Water scalar Visual* >0.2 NEG NEG	VISUAL			limit/base		history1	history2
Precipitate scalar Visual* NONE NONE NONE Silt scalar Visual* NONE NONE NONE Debris scalar Visual* NONE NONE VLITE 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		scalar					
Silt scalar Visual* NONE NONE NONE Debris scalar Visual* NONE NONE VLITE 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		scalar			NONE		
Debris scalar Visual* NONE NONE VLITE 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							
Sand/DirtscalarVisual*NONENONENONEAppearancescalarVisual*NORMLNORMLNORMLOdorscalarVisual*NORMLNORMLNORMLEmulsified WaterscalarVisual*>0.2NEGNEG	Silt	scalar		NONE		NONE	
Appearance scalar Visual* NORML NORML NORML Odor scalar Visual* NORML NORML NORML Emulsified Water scalar Visual* >0.2 NEG NEG	Debris	scalar	Visual*	NONE	NONE	VLITE	
Odor scalar Visual* NORML NORML NORML Emulsified Water scalar Visual* >0.2 NEG NEG	Sand/Dirt	scalar	Visual*	NONE	NONE	NONE	
Emulsified Water scalar Visual* >0.2 NEG NEG	Appearance	scalar	Visual*	NORML	NORML	NORML	
	Odor	scalar	Visual*	NORML	NORML	NORML	
Free Water scalar Visual* NEC NEC	Emulsified Water	scalar	Visual*	>0.2	NEG	NEG	
5:35:28) Rev: 1 Contact/Location: Mitch Lamontagne - KIR370	Free Water	scalar	Visual*	_	NEG	NEG	



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number **Unique Number**

: WC0750465 : 02588718 : 5657784 Test Package : MOB 1

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

: 12 Oct 2023 : 12 Oct 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

Contact/Location: Mitch Lamontagne - KIR370KIR