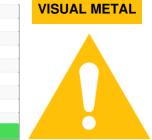


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id Or1982 Component Front Right Planetary Fluid PETRO CANADA TRAXON XL SYN BLEND 80W140 (2 LTR)

DIAGNOSIS

A Recommendation

We advise that you check for visible metal particles in the oil. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

🔺 Wear

Moderate concentration of visible metal present. Gear wear is indicated.

Contamination

There is no indication of any contamination in the oil.

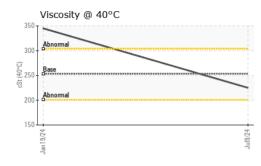
Fluid Condition

The oil is no longer serviceable as a result of the abnormal and/or severe wear.

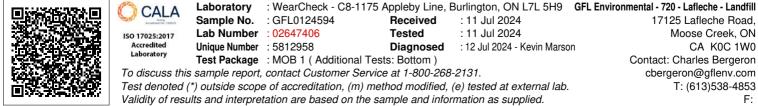
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0124594	GFL0092294	
Sample Date		Client Info		09 Jul 2024	19 Jan 2024	
Machine Age	hrs	Client Info		10000	9642	
Oil Age	hrs	Client Info		10000	500	
Oil Changed		Client Info		Changed	Diff Oil	
Sample Status				ABNORMAL	ABNORMAL	
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG	NEG	
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>500	200	674	
Chromium	ppm	ASTM D5185(m)	>10	2	7	
Nickel	ppm	ASTM D5185(m)	>10	<1	1	
Titanium	ppm	ASTM D5185(m)		0	0	
Silver	ppm	ASTM D5185(m)		0	0	
Aluminum	ppm	ASTM D5185(m)	>25	1	2	
Lead	ppm	ASTM D5185(m)	>25	5	10	
Copper	ppm	ASTM D5185(m)	>75	24	50	
Tin	ppm	ASTM D5185(m)	>10	2	6	
Antimony	ppm	ASTM D5185(m)	>5	2	15	
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	history2
Boron	ppm	ASTM D5185(m)	246	237	165	
Barium	ppm	ASTM D5185(m)	1	0	0	
Molybdenum	ppm	ASTM D5185(m)		0	0	
Manganese	ppm	ASTM D5185(m)		2	5	
Magnesium	ppm	ASTM D5185(m)	1	1	0	
Calcium	ppm	ASTM D5185(m)	2	21	3	
Phosphorus	ppm	ASTM D5185(m)	976	955	981	
Zinc	ppm	ASTM D5185(m)	3	15	6	
Sulfur	ppm	ASTM D5185(m)	15600	16141	16571	
Lithium	ppm	ASTM D5185(m)		<1	<1	
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>75	7	19	
Sodium	ppm	ASTM D5185(m)		2	<1	
Potassium	ppm	ASTM D5185(m)	>20	<1	<1	



OIL ANALYSIS REPORT



VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE		🔺 LTMOD	
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 PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	253.0	225	345	
SAMPLE IMAG		method	limit/base	current	history1	history?
SAIVIFLE IIVIAG	EO	methou	IIIIII/Dase	current	TIIStOLA	history2
Color						no image
Bottom					·	no image
GRAPHS						
Iron (ppm)				Lead (ppm)		
Severe			150	Smiana		
0 - Abnormal			= ¹⁰⁰	- 0		
				Abnormal		
Jan 19/24			Jul9/24	Jan 1 9/24		-
Aluminum (ppm)				۔ Chromium (µ	(mag	
ОО т			30			
Severe				Abnormal		
Abnormal			⁻ 10			
n19/24			Jul9/24	Jan 19/24		5
⊸ Copper (ppm)				 Silicon (ppm))	
Severe			300	Severe		
			E 200	Abnormal		
0 - Abnormal			o			
00 Abnormal				4		
0 - 4 Abnormal - +			Jul9/24	Jan 19/2		- -
Viscosity @ 40°C				Additives		-
Viscosity @ 40°C			1500	Additives		
Viscosity @ 40°C					us	5
Viscosity @ 40°C			1500 E 1000 500	Additives	us	
Viscosity @ 40°C			1500 E 1000 500	Additives	us	



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