

OIL ANALYSIS REPORT

Sample Rating Trend





201093 Component Front Center Transmission (Manual) Fluid PETRO CANADA TRAXON E SYNTHETIC CD-50 (15 LTR)

DIAGNOSIS Recommendation Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. The fluid was specified as PETRO CANADA TRAXON E SYNTHETIC CD-50, however, a fluid match indicates that this fluid is SAE 75W80 Tractor TDH Fluid. Please confirm the

All component wear rates are normal.

fluid type and grade on your next sample.

Contamination

Wear

There is no indication of any contamination in the fluid.

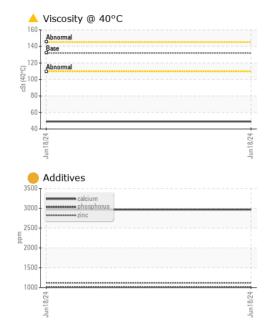
Fluid Condition

Viscosity of sample indicates oil is within SAE 75W80 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the fluid is acceptable for the time in service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0124526		
Sample Date		Client Info		18 Jun 2024		
Machine Age	hrs	Client Info		10233		
Oil Age	hrs	Client Info		5000		
Oil Changed		Client Info		Not Changd		
Sample Status				ABNORMAL		
CONTAMINAT	ON	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>200	86		
Chromium	ppm	ASTM D5185(m)	>5	<1		
Nickel	ppm	ASTM D5185(m)	>5	<1		
Titanium	ppm	ASTM D5185(m)		<1		
Silver	ppm	ASTM D5185(m)	>7	0		
Aluminum	ppm	ASTM D5185(m)	>25	13		
Lead	ppm	ASTM D5185(m)	>45	<1		
Copper	ppm	ASTM D5185(m)	>225	33		
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	e 109		
Barium	ppm	ASTM D5185(m)	1	<1		
Molybdenum	ppm	ASTM D5185(m)		2		
Manganese	ppm	ASTM D5185(m)		4		
Magnesium	ppm	ASTM D5185(m)	1	<mark> </mark> 26		
Calcium	ppm	ASTM D5185(m)	40	<mark> </mark> 2967		
Phosphorus	ppm	ASTM D5185(m)	1072	1012		
Zinc	ppm	ASTM D5185(m)	4	<mark> </mark> 1117		
Sulfur	ppm	ASTM D5185(m)	439	e 2888		
Lithium	ppm	ASTM D5185(m)		<1		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>125	34		
Sodium	ppm	ASTM D5185(m)		10		
Potassium	ppm	ASTM D5185(m)	>20	4		



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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE		
Yellow Metal	scalar	Visual*	NONE	LIGHT		
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 PROPE	RTIES	method	limit/base	current	history1	history
Visc @ 40°C	cSt	ASTM D7279(m)	132	49.0		
SAMPLE IMAG	ES	method	limit/base	current	history1	history
Color					no image	no image
Bottom					no image	no image
						1
GRAPHS						1
Iron (ppm)			100	Lead (ppm)		,
Iron (ppm)			100	Severe		
Iron (ppm)			100 ਛੂ 50	Severe		
Iron (ppm) 400 5 200 0 400 0 400 0 0 0			ξ. 50	Abnormal		
Iron (ppm) 400 Severe 200 Abnormal			ξ. 50	Abnormal		
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Iron (ppm) ⁴⁰⁰ ⁴⁰			15 Built Branch	Abnormal Abnormal 6281407 Chromium (p	pm)	
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Aluminum (ppm)			mqq (Abnormal biology of the second secon	pm)	
Iron (ppm) 400 Abnomal Aluminum (ppm) 60 40 40 40 40 40 40 528 40 40 40 40 528 40 40 528 40 40 528 40 40 528 40 40 528 40 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			mpg 05	Abnormal 	pm)	
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Iron (ppm) 400 400 400 400 400 400 400 400			42/81/nuL 16	Severe Abnormal +7281um Chromium (p 	pm)	
Iron (ppm) 400 400 400 400 400 400 400 40			Jun18/24 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 +	Severe Abnormal +7281um Chromium (p 	pm)	
Iron (ppm) 400 400 400 400 400 400 400 40			udd 50 +2/81/unr +2/81/unr 300 200 0 0 0 0 0 0 0 0 0 0 0 0	Severe Abnormal billicon (ppm) Severe Silicon (ppm) Severe	pm)	
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Iron (ppm) 400 400 400 400 400 400 400 400			udd 50 + 520g1unr + 520g1unr 300 200 100	Abnormal Abnormal browneak browne	pm)	
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Iron (ppm) 400 Abnomal Aluminum (ppm) 400 400 400 400 400 400 400 40			udd 50 +2781unr 11 +2781unr 3000 4000 3000 4000 1000	Abnormal Abnormal Chromium (p Severe Abnormal F28[un Silicon (ppm) Severe Abnormal Abnormal Abnormal Abnormal Abnormal		
Iron (ppm) 400 400 400 400 400 400 400 40			udd 50 +2781unr 11 +2781unr 3000 4000 3000 4000 1000	Severe Abnormal Chromium (p Bevere Abnormal Silicon (ppm) Severe Abnormal Additives		
Iron (ppm) 400 400 400 400 400 400 400 40			uid 4000 4000 4000 4000 4000 4000	Abnormal Abnormal Chromium (p Severe Abnormal F28[un Silicon (ppm) Severe Abnormal Abnormal Abnormal Abnormal Abnormal		

ISO 17025:2017 Accredited Laboratory Unique Number : 5800777 Diagnosed : 20 Jun 2024 - Kevin Marson Test Package : MOB 1 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.

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Report Id: GFL720 [WCAMIS] 02643238 (Generated: 06/20/2024 15:08:28) Rev: 1

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