

OIL ANALYSIS REPORT

Sample Rating Trend





ORIN CONTRACTORS Machine Id 100-012

Component **Hydraulic System**

PETRO CANADA HYDREX AW 46 (--- GAL)

PETRO CANADA H	TUREX AW 46 (G	AL)		Jun2023	Dec2023		
DIAGNOSIS	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		WC0888501	LH0261502	
We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.	Sample Date		Client Info		27 Dec 2023	21 Jun 2023	
	Machine Age	hrs	Client Info		0	3771	
	Oil Age	hrs	Client Info		0	0	
	Oil Changed		Client Info		Changed	Changed	
e ar component wear rates are normal.	Sample Status				ABNORMAL	NORMAL	
Contamination Free water present. The system cleanliness is acceptable for your target ISO 4406 cleanliness code.	CONTAMINATION		method	limit/base	current	history1	history2
	Water		WC Method		NEG	NEG	
	WEAR METALS		method	limit/base	current	history1	history2
id Condition	Iron	ppm	ASTM D5185(m)	>25	4	4	
The AN level is acceptable for this fluid. The oil is no longer serviceable due to the presence of contaminants.	Chromium	ppm	ASTM D5185(m)	>10	<1	<1	
	Nickel	ppm	ASTM D5185(m)	>10	<1	0	
	Titanium	ppm	ASTM D5185(m)		0	<1	
	Silver	ppm	ASTM D5185(m)		0	<1	
		ppm	ASTM D5185(m)	>20	1	1	
		ppm		>20	<1	<1	
	-	ppm	ASTM D5185(m)		8	8	
		ppm	ASTM D5185(m)		0	0	
		ppm	ASTM D5185(m)		0	0	
		ppm	ASTM D5185(m)		0	0	
		ppm	ASTM D5185(m)		0	0	
		ppm	ASTM D5185(m)		0	0	
	ADDITIVES	1- 1-	method	limit/base		history1	history2
	-	ppm	ASTM D5185(m)		<1	<1	
			ASTM D5185(m)		0	0	
		ppm	ASTM D5185(m)		0	<1	
		ppm	ASTM D5185(m)		0	0	
	•	ppm	ASTM D5185(m)		36	40	
		ppm	ASTM D5185(m)		275	295	
		ppm	()				
		ppm	ASTM D5185(m)	330	408	453	
		ppm	ASTM D5185(m)	430	518	522	
		ppm	ASTM D5185(m)	760	1047	1038	
		ppm	ASTM D5185(m)	limit/base	<1	<1	history
	CONTAMINANTS Silicon	nnm	method ASTM D5185(m)		current 2	history1 2	history2
		ppm	ASTM D5185(m)	>00	2	ے 1	
		ppm		>20	، <1	<1	
		ppm	()	limit/base			
	FLUID CLEANLINE	200				history1	history2
	Particles >4µm		ASTM D7647		35308	1603	
	Particles >6µm		ASTM D7647		7158	262	
	Dortiolog - 1/um		ASTM D7647	>2500	573	12	
	Particles >14µm		10711	0.10			
	Particles >21µm		ASTM D7647		93	3	
	Particles >21µm Particles >38µm		ASTM D7647	>160	0	0	
	Particles >21µm		ASTM D7647 ASTM D7647	>160 >40			

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Contact/Location: Service Team - RONVAU



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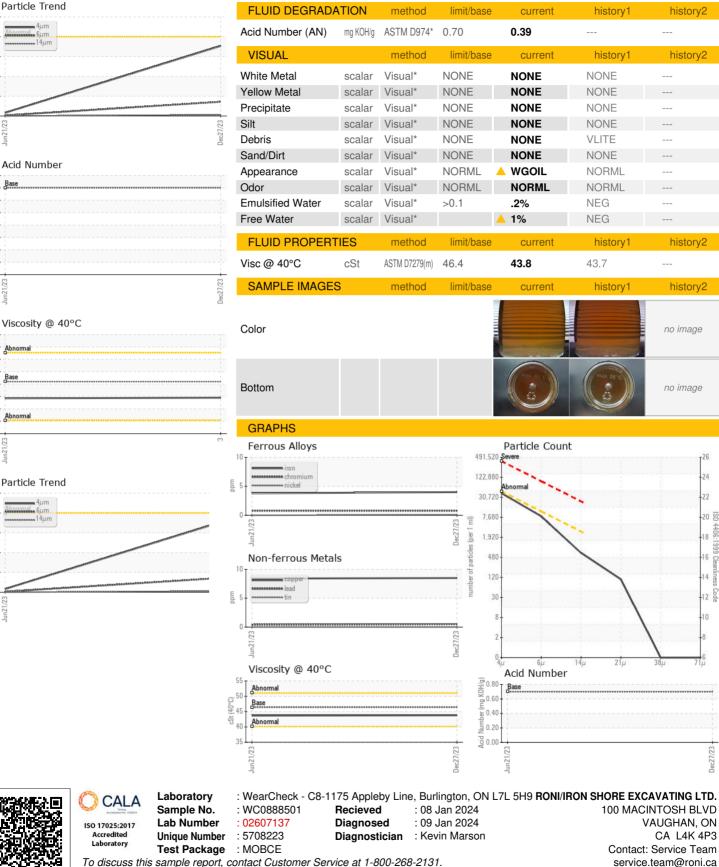
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OIL ANALYSIS REPORT



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.

Contact/Location: Service Team - RONVAU Page 2 of 2

history2

history2

history2

history2

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