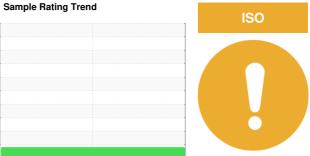


OIL ANALYSIS REPORT



M01542 (S/N 0FTX30024D001)

Hydraulic System

PETRO CANADA HYDREX XV ALL SEASON H

Recommendation

We recommend you service the filters on this component. Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is a light amount of silt (particulates < 14 microns in size) present in the oil.

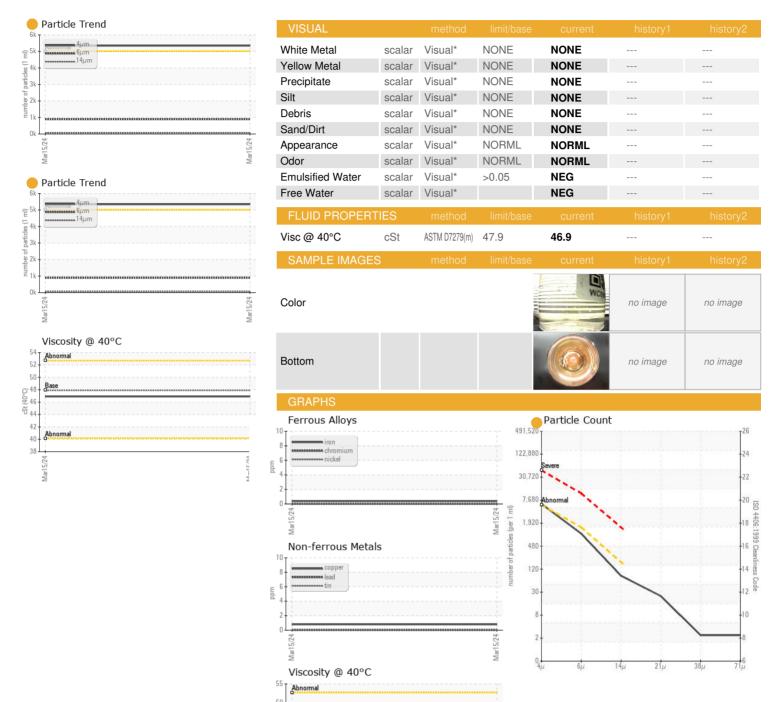
Fluid Condition

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

YDRAULIC OIL (-	GAL)			Mar2024		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0910002		
Sample Date		Client Info		15 Mar 2024		
Machine Age	hrs	Client Info		0		
Oil Age	hrs	Client Info		0		
Oil Changed	1110	Client Info		N/A		
Sample Status				ATTENTION		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water	•		>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>20	<1		
Chromium	ppm	ASTM D5185(m)		0		
Vickel	ppm	ASTM D5185(m)	>20	<1		
Titanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		0		
Aluminum	ppm	ASTM D5185(m)	>20	<1		
Lead	ppm	ASTM D5185(m)	>20	0		
Copper	ppm	ASTM D5185(m)		<1		
Fin	ppm	ASTM D5185(m)	>20	0		
Antimony	ppm	ASTM D5185(m)	720	0		
/anadium	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)	0	0		
Barium	ppm	ASTM D5185(m)	0	0		
Molybdenum	ppm	ASTM D5185(m)	0	0		
Manganese	ppm	ASTM D5185(m)	1	0		
Magnesium	ppm	ASTM D5185(m)	0	<1		
Calcium	ppm	ASTM D5185(m)	100	102		
Phosphorus	ppm	ASTM D5185(m)	670	656		
Zinc	ppm	ASTM D5185(m)	850	826		
Sulfur	ppm	ASTM D5185(m)	1600	1637		
_ithium	ppm	ASTM D5185(m)		<1		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	<1		
Sodium	ppm	ASTM D5185(m)	710	<1		
Potassium	ppm	ASTM D5185(m)	>20	<1		
FLUID CLEANLIN		method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	5345		
Particles >6µm		ASTM D7647	>1300	889		
Particles >14µm		ASTM D7647	>160	71		
Particles >21µm		ASTM D7647		21		
Particles >38µm		ASTM D7647	>10	2		
Particles >71µm		ASTM D7647	>3	2		
Oil Cleanliness		ISO 4406 (c)	>19/17/14	20/17/13		
		(0)	20			



OIL ANALYSIS REPORT







Laboratory Sample No.

: WC0910002 Lab Number : 02623091 Unique Number : 5748210 Test Package : MOB 2

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : 19 Mar 2024 Received : 20 Mar 2024 **Tested**

: 20 Mar 2024 - Wes Davis Diagnosed

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.

RWF Industries 873 Devonshire Ave. Woodstock, ON **CA N4S 8Z4**

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T: F: (519)421-0028