

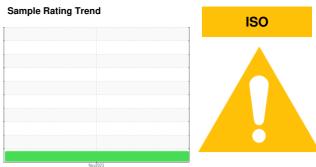
OIL ANALYSIS REPORT

Machine Id M01540

Component

Hydraulic System

PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL (--- GAL



DIAGNOSIS

Recommendation

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

Wear

All component wear rates are normal.

Contamination

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

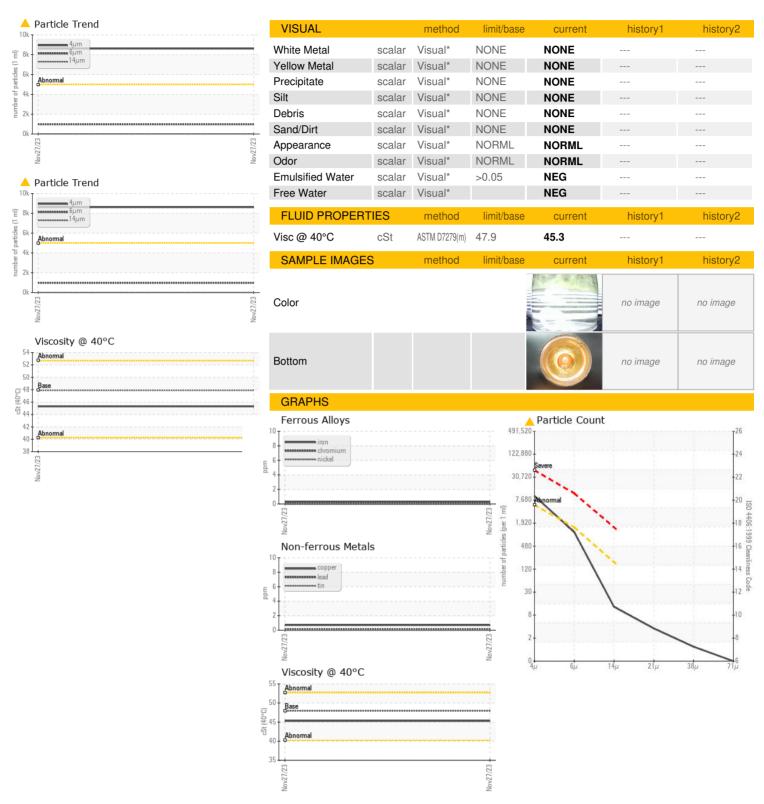
Fluid Condition

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

DRAULIC OIL (-	GAL)			Nov2023		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0832175		
Sample Date		Client Info		27 Nov 2023		
Machine Age	hrs	Client Info		0		
Dil Age	hrs	Client Info		0		
Oil Changed	1110	Client Info		N/A		
Sample Status				ATTENTION		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.05	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)	>20	<1		
Chromium	ppm	ASTM D5185(m)	>20	0		
Nickel	ppm	ASTM D5185(m)	>20	0		
Fitanium	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)		<1		
Aluminum	ppm	(/	>20	0		
_ead	ppm	ASTM D5185(m)	>20	<1		
Copper	ppm	ASTM D5185(m)	>20	<1		
Jopper Fin		ASTM D5185(m)	>20	0		
Antimony	ppm		>20	0		
Antimony /anadium	ppm	ASTM D5185(m) ASTM D5185(m)		0		
	ppm	. ,		0		
Beryllium	ppm	ASTM D5185(m)				
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	0	<1		
Barium	ppm	ASTM D5185(m)	0	<1		
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	98		
Phosphorus	ppm	ASTM D5185(m)	670	618		
Zinc	ppm	ASTM D5185(m)	850	813		
Sulfur	ppm	ASTM D5185(m)	1600	1467		
_ithium	ppm	ASTM D5185(m)		<1		
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>15	<1		
Sodium	ppm	ASTM D5185(m)		<1		
Potassium	ppm	ASTM D5185(m)	>20	0		
FLUID CLEANLII	NESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>5000	A 8616		
		ASTM D7647	>1300	978		
Particles >6µm						
·		ASTM D7647	>160	11		
Particles >14µm				11 3		
Particles >14µm Particles >21µm		ASTM D7647				
Particles >6µm Particles >14µm Particles >21µm Particles >38µm Particles >71µm		ASTM D7647 ASTM D7647	>40	3		



OIL ANALYSIS REPORT





CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No. Lab Number Unique Number Test Package

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : WC0832175 : 02601255 : 5694340

: MOB 2

Received : 06 Dec 2023 Diagnosed Diagnostician

: 07 Dec 2023 : Wes Davis

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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