

OIL ANALYSIS REPORT



Machine Id **116000**

Component Hydraulic System Fluid PETRO CANADA HYDREX MV 32 (--- GAL)

DIAGNOSIS

Recommendation

We recommend you service the filters on this component. We recommend an early resample to monitor this condition.

Wear

All component wear rates are normal.

Contamination

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

Fluid Condition

The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

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IATION		limit/base	current	history1	history2
	Client Info		GFL0107891		
kms			-		
	Client Info		-		
			ABNORMAL		
ON	method	limit/base	current	history1	history2
	WC Method	>0.1	NEG		
5	method	limit/base	current	history1	history2
ppm	ASTM D5185(m)	>20	10		
ppm	ASTM D5185(m)	>10	0		
ppm	ASTM D5185(m)	>10	0		
ppm	ASTM D5185(m)		0		
ppm	ASTM D5185(m)		0		
ppm	ASTM D5185(m)	>10	1		
ppm	ASTM D5185(m)	>10	0		
ppm	ASTM D5185(m)	>75	2		
ppm	ASTM D5185(m)	>10	0		
ppm	ASTM D5185(m)		0		
ppm	ASTM D5185(m)		0		
ppm	ASTM D5185(m)		0		
ppm	ASTM D5185(m)		0		
	method	limit/base	current	history1	history2
ppm	ASTM D5185(m)	0	3		
ppm	ASTM D5185(m)	0	0		
ppm	ASTM D5185(m)	0	<1		
ppm	ASTM D5185(m)	1	0		
ppm	ASTM D5185(m)	0	20		
ppm	ASTM D5185(m)	50	380		
ppm	ASTM D5185(m)	330	401		
ppm	ASTM D5185(m)	430	500		
ppm	ASTM D5185(m)	760	1037		
ppm	ASTM D5185(m)		<1		
ГS	method	limit/base	current	history1	history2
ppm	ASTM D5185(m)	>20	<1		
ppm ppm	ASTM D5185(m) ASTM D5185(m)	>20	<1 1		
ppm	ASTM D5185(m) ASTM D5185(m)		1		
ppm ppm	ASTM D5185(m) ASTM D5185(m) method ASTM D7647	>20	1 <1 current ▲ 10803		
ppm ppm	ASTM D5185(m) ASTM D5185(m) method	>20 limit/base	1 <1 current	 history1	 history2
ppm ppm	ASTM D5185(m) ASTM D5185(m) method ASTM D7647	>20 limit/base >5000	1 <1 current ▲ 10803	 history1 	 history2
ppm ppm	ASTM D5185(m) ASTM D5185(m) method ASTM D7647 ASTM D7647	>20 limit/base >5000 >1300	1 <1 current ▲ 10803 ▲ 2707	history1 	 history2
ppm ppm	ASTM D5185(m) ASTM D5185(m) Method ASTM D7647 ASTM D7647 ASTM D7647	>20 limit/base >5000 >1300 >160	1 <1	 history1 	 history2
ppm ppm	ASTM D5185(m) ASTM D5185(m) Method ASTM D7647 ASTM D7647 ASTM D7647	>20 limit/base >5000 >1300 >160 >40	1 <1 current ▲ 10803 ▲ 2707 128 21	 history1 	 history2
	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	kms Client Info Client Info Client Info Client Info Client Info WC Method WC Method DN method ppm ASTM D5185(m) p	kmsClient InfokmsClient InfoClient InfoClient InfoClient InfoImit/baseWC Method>0.1WC Method>0.1methodlimit/baseppmASTM D5185(m)ppmASTM D5185(m)ppm<	kmsClient Info192494kmsClient Info0Client InfoNot ChangdABNORMALABNORMALONmethodlimit/baseWC Method>0.1NEGWC Method>0.1NEGppmASTM D5185(m)>2010ppmASTM D5185(m)>100ppmASTM D5185(m)00ppmASTM D5185(m)00ppmASTM D5185(m)00ppmASTM D5185(m)00ppmASTM D5185(m)03ppmASTM D5185(m)020ppmASTM D5185(m)50380ppmASTM D5185(m)500380ppmASTM D5185(m)330401ppmASTM D5185(m)7601037ppmASTM D5185(m)7601037ppmASTM D5185(m)7601037ppmASTM D5185(m)7601037ppmASTM D5185(m)760	kms Client Info 192494 kms Client Info 0 Client Info Not Changd Client Info Mot Changd Client Info Imit/base current history1 WC Method >0.1 NEG ppm ASTM D5185(m) >20 10 ppm ASTM D5185(m) >20 10 ppm ASTM D5185(m) >10 0 ppm ASTM D5185(m) >10 ppm ASTM D5185(m) 0 ppm ASTM D51

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14µm

. 4um

12

.10

8k

6 Abnorma

4

21

0 4/24

12

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umber of particles (1 8

61 Δ

2 0

38

ŝ 3

28 26

Marl

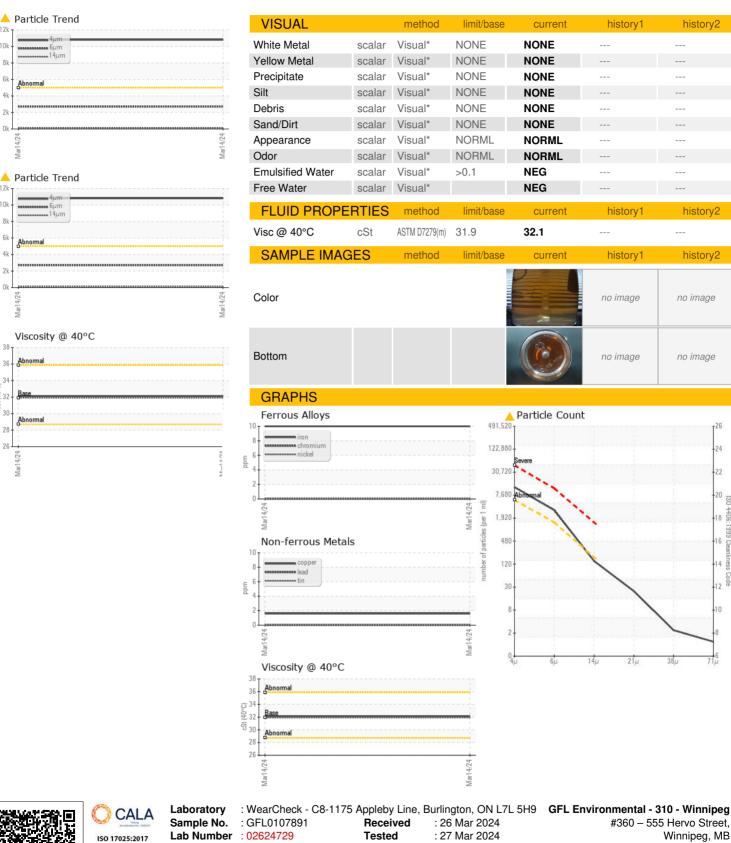
Marl

Abnorma

Marl

nber of particles (1 ml)

OIL ANALYSIS REPORT



#360 - 555 Hervo Street, Winnipeg, MB CA R3T 3L6 Contact: Joshua Lourenco jlourenco@gflenv.com T: (204)987-9600 F:

Accredited Laboratory

Unique Number : 5749848

Test Package : MOB 1 (Additional Tests: PrtCount)

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.

To discuss this sample report, contact Customer Service at 1-800-268-2131.

: 27 Mar 2024 - Wes Davis

Diagnosed

21µ

38,4

history1

history

history1

no image

no image

history2

history2

history2

no imade

no imade

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14

4406