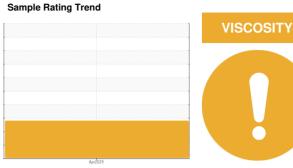


OIL ANALYSIS REPORT

[**70425**] **MG007**

Hydraulic System

PETRO CANADA HYDREX AW 68 (--- GAL)



DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. (Customer Sample Comment: New purchase PM-4 changed fluid and filters)

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

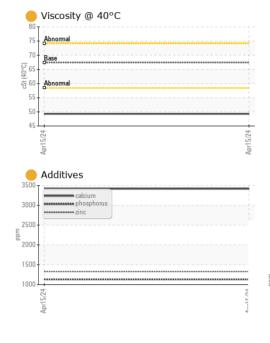
Fluid Condition

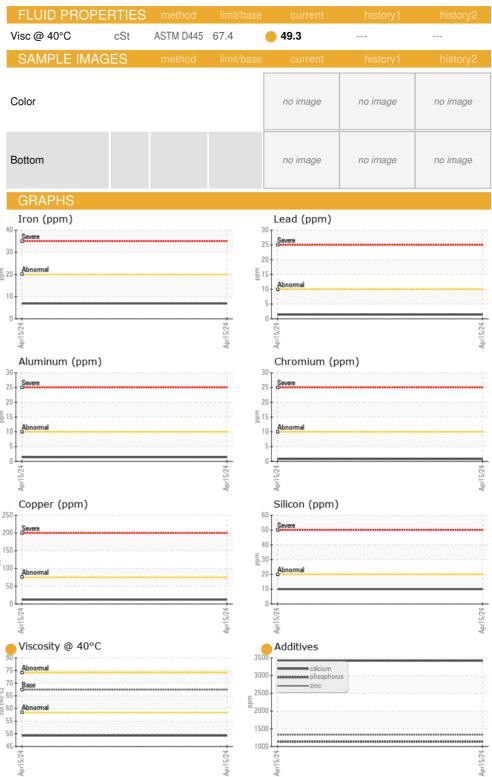
The oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

				Apr2024	<u> </u>	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0109351		
Sample Date		Client Info		15 Apr 2024		
Machine Age	hrs	Client Info		11667		
Oil Age	hrs	Client Info		11667		
Oil Changed		Client Info		Changed		
Sample Status				ATTENTION		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METAL	_S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>20	7		
Chromium	ppm	ASTM D5185m	>10	<1		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>10	1		
Lead	ppm	ASTM D5185m	>10	1		
Copper	ppm	ASTM D5185m	>75	12		
Tin	ppm	ASTM D5185m	>10	1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	49		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	0	1		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m	0	_ 25		
Calcium	ppm	ASTM D5185m	50	3417		
Phosphorus		ASTM D5185m	330	1131		
Zinc	ppm	ASTM D5185m	430	1329		
Sulfur	ppm	ASTM D5185m	760	4714		
CONTAMINAN		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m		10		
Sodium	ppm	ASTM D5185m	720	5		
Potassium	ppm	ASTM D5185m	>20	2		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
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		
12:17) Dov: 1	oodidi	Viodui				Submitted By



OIL ANALYSIS REPORT







Certificate 12367

Laboratory

Sample No. : PCA0109351

Test Package : MOB 1

Lab Number : 06156500 Unique Number : 10991923

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 22 Apr 2024

Tested : 26 Apr 2024 Diagnosed

: 26 Apr 2024 - Jonathan Hester

1050 E 520 Rd Pryor, OK US 74361 Contact:

Kemp Quarries - Pryor Stone - Pryor

To discuss this sample report, contact Customer Service at 1-800-237-1369. * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Report Id: KEMPRY [WUSCAR] 06156500 (Generated: 04/26/2024 12:43:17) Rev: 1

Submitted By:

T:

F:

pryor@pryorstone.com