

OIL ANALYSIS REPORT

Sample Rating Trend

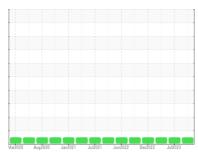
NORMAL



KEMP QUARRIES / PRYOR STONE [66476] Machine Id OHT109

Component **Hydraulic System**

PETRO CANADA HYDREX AW 68 (--- GAL)





DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: Pm2 performed. All oil samples taken. Engine oil, transmission oil, and all filters changed.)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

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

REX AW 68 (GAL)	Mar2020 A	ug2020 Jan2021 Jul	2021 Jun2022 Dec2022	Jui2023	
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0086257	PCA0084593	PCA008392
Sample Date		Client Info		31 Oct 2023	26 Jul 2023	24 Apr 2023
Machine Age	hrs	Client Info		29129	28624	28069
Oil Age	hrs	Client Info		1060	28624	2218
Oil Changed		Client Info		Oil Added	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL
WEAR METAL	_S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0	<1	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m	>10	<1	<1	<1
Titanium	ppm	ASTM D5185m		0	1	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	0	0	0
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>75	0	<1	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	<1	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	0	0
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	0	0	0	0
Manganese	ppm	ASTM D5185m	0	0	0	<1
Magnesium	ppm	ASTM D5185m	0	0	5	1
Calcium	ppm	ASTM D5185m	50	50	59	52
Phosphorus	ppm	ASTM D5185m	330	339	362	354
Zinc	ppm	ASTM D5185m	430	440	430	458
Sulfur	ppm	ASTM D5185m	760	851	969	1087
CONTAMINAN	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	1	<1	0
Sodium	ppm	ASTM D5185m		0	0	<1
Potassium	ppm	ASTM D5185m	>20	0	0	1
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual	Z0.1	NEG	NEG	NEG
FLUID PROPE	RTIES	method	limit/base	current	history1	history2

Visc @ 40°C

cSt

ASTM D445 67.4

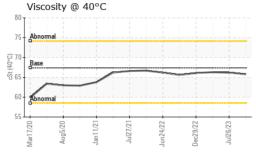
65.8

66.2

66.3



OIL ANALYSIS REPORT





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	GRA	APHS	3												
	Iron	(ppm)						L	eac	l (ppm	1)				
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	30							20							
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mdc	50							튎30-							
	Abnom	nal						20 - 0	Abnon	mal					
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	Mar17/20	Aug5/20	Jan11/21-	Jul27/21-	Jun24/22	Dec29/22	Jul26/23	. 0 <u>F</u>	07//	Aug5/20-	Jan11/21-	Jul27/21	Jun24/22 -	Dec29/22	Jul26/23
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	60 - Abnom	nal						500-	11	-					***************************************
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	_				,	_		-						-	





Certificate L2367

Test Package : MOB 1

Laboratory Sample No. Lab Number

: 06006622 Unique Number : 10740384

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : PCA0086257

Received : 13 Nov 2023 Diagnosed : 15 Nov 2023 Diagnostician : Don Baldridge Kemp Quarries - Pryor Stone - Pryor 1050 E 520 Rd

Pryor, OK US 74361 Contact:

pryor@pryorstone.com

T: F:

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)