

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

KEMP QUARRIES / PRYOR STONE [69779]

OHT110

Hydraulic System

PETRO CANADA HYDREX AW 68 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: Pm4 performed. All oil samples taken. All oils, and all filters changed.)

WEAR

All component wear rates are normal.

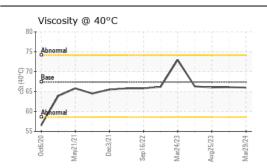
CONTAMINATION

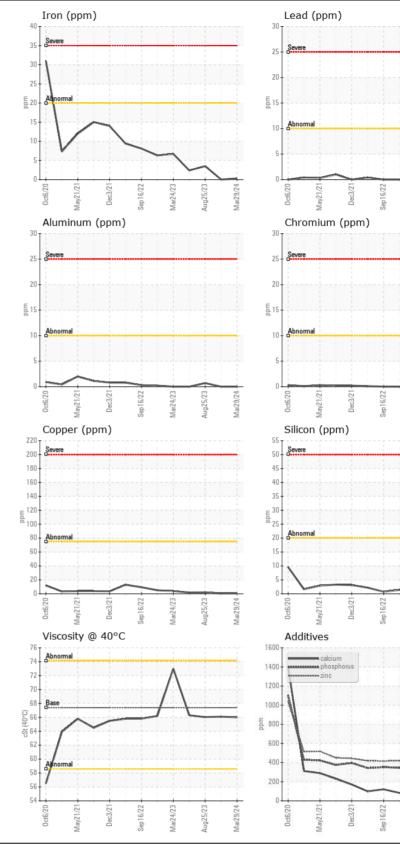
There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PCA0086623	PCA0086253	PCA0084254
Sample Date		Client Info		29 Mar 2024	26 Oct 2023	25 Aug 2023
Machine Age	hrs	Client Info		29240	28435	28083
Oil Age	hrs	Client Info		2145	1340	988
Filter Age	hrs	Client Info		805	352	508
Oil Changed		Client Info		Changed	Oil Added	Oil Added
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
Iron	nnm	ASTM D5185m	>20	<1	0	4
Chromium	ppm	ASTM D5185m	>20	0	0	4
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m	>10	0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	0	0	<1
Lead	ppm ppm	ASTM D5185m	>10	0	0	< 1
Copper	ppm	ASTM D5185m	>75	<1	<1	2
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m	210	0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	·····					
Silicon	ppm	ASTM D5185m	>20	<1	0	<1
	ppm	ASTIVI DJ TOJITI	~20	51	0	< 1
Potassium	ppm	ASTM D5185m	>20	0	0	0
Potassium Water					-	
		ASTM D5185m	>20	0	0	0
Water	ppm	ASTM D5185m WC Method	>20 >0.1	0 NEG	0 NEG	0 NEG
Water Silt Debris Sand/Dirt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.1 NONE	0 NEG NONE	0 NEG NONE	0 NEG NONE
Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.1 NONE NONE	0 NEG NONE NONE	0 NEG NONE NONE	0 NEG NONE NONE
Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	0 NEG NONE NONE NONE	0 NEG NONE NONE	0 NEG NONE NONE NORE
Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NONE	0 NEG NONE NONE NONE NORML	0 NEG NONE NONE NONE NORML	0 NEG NONE NONE NORE
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG	0 NEG NONE NONE NORML NORML NEG	0 NEG NONE NONE NORML NORML NEG
Water Silt Debris Sand/Dirt Appearance Odor	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>20 >0.1 NONE NONE NORML NORML	0 NEG NONE NONE NORML NORML NEG 2	0 NEG NONE NONE NORML NORML NEG	0 NEG NONE NONE NORML NORML NEG
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1	0 NEG NONE NONE NORML NORML NEG	0 NEG NONE NONE NORML NORML NEG	0 NEG NONE NONE NORML NORML NEG
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML >0.1	0 NEG NONE NONE NORML NORML NEG 2 0 0	0 NEG NONE NONE NORML NORML NEG <1 0 0	0 NEG NONE NONE NORML NORML NEG 0 0
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1	0 NEG NONE NONE NORML NORML NEG 2 0	0 NEG NONE NONE NORML NORML NEG <1 0	0 NEG NONE NONE NORML NORML NEG 0 0
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NORML NORML >0.1	0 NEG NONE NONE NORML NORML NEG 2 0 0 0	0 NEG NONE NONE NORML NORML NEG <1 0 0 0	0 NEG NONE NONE NORML NORML NEG 0 0 0 0
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML >0.1	0 NEG NONE NONE NORML NORML NEG 2 0 0 0 0	0 NEG NONE NONE NORML NORML NEG <1 0 0 0 0	0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1	0 NEG NONE NONE NORML NORML 2 0 0 0 0 0 0 0 0	0 NEG NONE NONE NORML NORML NEG <1 0 0 0 0 0 0 0 0 0	0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0 2
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML NORML >0.1 0 0 0 0 0 0 0 0 0 0 0 50	0 NEG NONE NONE NORML NORML 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NEG NONE NONE NORML NORML NEG <1 0 0 0 0 0 0 0 0 0 0 97	0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0 0 1 0 2 64
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Malganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NORM NORM >0.1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 0 0 0 0 0 52 307	0 NEG NONE NONE NORML NORML NEG <1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.1 NONE NONE NORML >0.1 0 0 0 0 0 0 0 0 0 0 330 430	0 NEG NONE NONE NORML NORML 2 0 0 0 0 0 0 0 0 0 52 307 366	0 NEG NONE NONE NORML NORML NEG <1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 NEG NONE NONE NORML NORML NEG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0





Aug25/23 Mar24/23 Mar29/24 Kemp Quarries - Pryor Stone - Pryor Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received 1050 E 520 Rd : PCA0086623 : 15 Apr 2024 Lab Number : 06149214 Pryor, OK Tested : 16 Apr 2024 Unique Number : 10979292 : 17 Apr 2024 - Sean Felton US 74361 Diagnosed Test Package : MOB 1 Contact: To discuss this sample report, contact Customer Service at 1-800-237-1369. pryor@pryorstone.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. Т: F: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Certificate L2367

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Aar24/7

Mar29/7/

Mar29/24

Mar29/24