

OIL ANALYSIS REPORT

KEMP QUARRIES / MUSKOGEE SAND [68980] **WL056**

Component **Hydraulic System**

PETRO CANADA HYDREX AW 68 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: PM-1 sampled fluid)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the component.

Fluid Condition

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



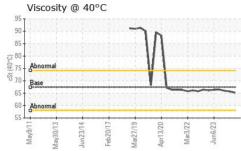


Sample Rating Trend

Sample Number Client Info PCA0086575 PCA0086571 PCA0084730 Sample Date Ins Client Info S5093 34606 34177 Oil Anged Client Info S5093 34606 34177 Oil Changed Client Info N/A Changed NorMAL NORMAL NORMAL CONTAMINATION method Initiobas current History Nicory Water WC Method >0.0 1 S S S S Iron ppm ASTM 051856 >10 0 0 0 0 Silver ppm ASTM 051856 >10 0 0 0 0 Capper ppm ASTM 051856 >10 0 0 0 0 Silver ppm ASTM 051856 0	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
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	Free Water						
	9:49:26) Rev: 1						Submitted By:



OIL ANALYSIS REPORT



	FLUID PROPER	TIES	method	limit/base	curren	t	history	1	his	story2
70	Visc @ 40°C	cSt AS	STM D445	67.4	65.2	(65.7		66.0)
	SAMPLE IMAGE	IS I	method	limit/base	curren	t	history	1	his	story2
19 20 22 23	Color				no image		no image		no image	
Mar27/19 Apr13/20 Mar2/22 Jun6/23	Bottom	Bottom			no image		no image		no image	
	GRAPHS									
	Iron (ppm)			30	Lead (ppr	n)				
	40- Severe 20- Abnormal	9		25 20 톺 15 10	- Severe					
	May0/11 May30/13 Jun 23/14	Mar27/19	Mar3/22	5		Jun23/14	Mar27/19	Apr13/20	Mar3/22	Jun6/23
	Aluminum (ppm)	MA		30	≥ Chromiun			A		
	20 - E 15 - 10 - Abnomal 5 -	~		20 톱 15 10 5	Abnormal		m	~	-	~
	Copper (ppm)	Mar27/19 + Apr13/20 +	Mar3/22 Jun6/23	0	Silicon (p)	(ud Feb20/17	Mar27/19	Apr13/20	Mar3/22 -	Jun6/23 -
	250 200 150 4bnormal			60 50 40 톭 30	- Severe					
	May9/111 0 05 May30/13 Jun23/14 Feb20/17	Mar27/19	Mar3/22	20 10	A DECEMBER OF	Jun23/14	Mar27/19 + - }	Apr13/20	Mar3/22	Jun6/23 +
	¹⁰⁰ 90			3000 2500	Additives	ium sphorus	W	A		
	80 Abnormal 370 Base 60 Abnormal	<u> </u>		2000 톺 1500 도 1000 500	-	st	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Y		
	May30/11 May30/13 Jun23/14 Feb20/17	Mar27/19	Mar3/22 - Jun6/23 -		May30/13	Jun23/14	Mar27/19 -	Apr13/20	Mar3/22	Jun6/23
Laboratory Sample No. Lab Number Unique Number Test Package iscuss this sample report	: 10924367 : MOB 1	Received Tested Diagnos	d : 11 : 12 sed : 13 M	NC 27513 Mar 2024 Mar 2024 ar 2024 - Don	Baldridge	Kemp G		3395	W 50 Poi US TIFIC	Oth St rter, C 5 744

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