

WL124

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

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KEMP QUARRIES / BCS - GRAVETTE [67745]

Component Rear Differential

PETRO CANADA PRODURO TO-4 SAE 50 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: $\mbox{Pm3}$)

WEAR

All component wear rates are normal.

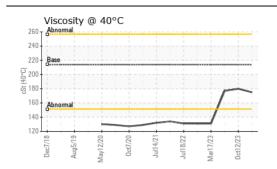
CONTAMINATION

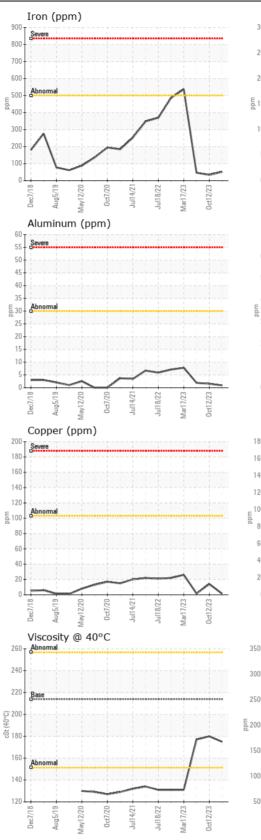
There is no indication of any contamination in the oil.

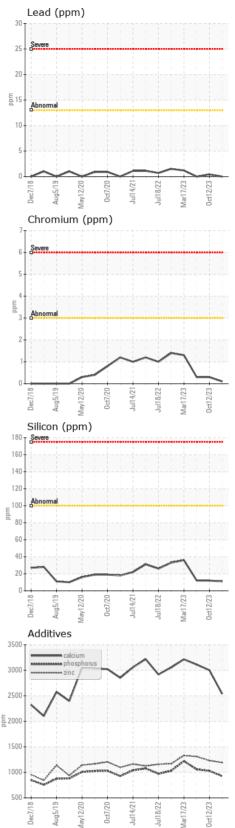
FLUID CONDITION

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

Test UOM Method Limit/Abn Current History1	
	History2
Sample Number Client Info PCA0069791 PCA008699	PCA0084631
Sample Date Client Info 08 Feb 2024 12 Oct 202	3 06 Jul 2023
Machine Age hrs Client Info 37365 37365	36752
Oil Age hrs Client Info 36319 37365	36752
Filter Age hrs Client Info 0 0	0
Oil Changed Client Info N/A N/A	N/A
Filter Changed Client Info N/A N/A	N/A
Sample Status NORMAL NORMAL	NORMAL
	40
Iron ppm ASTM D5185m >500 51 33 Chromium ppm ASTM D5195m -2 -1 -1	46
Chromium ppm ASTM D5185m >3 <1	<1
Nickel ppm ASTM D5185m >3 0 0 Titanium ppm ASTM D5185m >2 0 <1	<1
	0
Aluminum ppm ASTM D5185m >30 <1	2
Lead ppm ASTM D5185m >13 0 <1	0
Copper ppm ASTM D5185m >103 2 14 Time AOTH D5165m 5 0 0	2
Tin ppm ASTM D5185m >5 0 0 Manage Human AOTM D5165m O O O O	<1
Vanadium ppm ASTM D5185m 0 0	0
White Metal scalar *Visual NONE NONE NONE	
Yellow Metal scalar *Visual NONE NONE NONE	NONE
Silicon ppm ASTM D5185m >100 11 12	12
Potassium ppm ASTM D5185m >20 0 2	2
Potassium ppm ASTM D5185m >20 0 2 Water WC Method >.2 NEG NEG	2 NEG
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Water WC Method >.2 NEG NEG	NEG NONE
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WaterWC Method>.2NEGNEGSiltscalar*VisualNONENONENONEDebrisscalar*VisualNONENONENONESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*VisualNORMLNORMLNORMLSodiumppmASTM D5185m200BoronppmASTM D5185m009MolybdenumppmASTM D5185m002ManganeseppmASTM D5185m91718CalciumppmASTM D5185m311425393001PhosphorusppmASTM D5185m10999261028	NEG NONE NONE NONE NORML NORML NEG 2 2 0 1 2 1 1 1 1 1 1 1 1 1 1 1 3112 1059









Report Id: KEMSUL [WUSCAR] 06101189 (Generated: 02/28/2024 14:51:25) Rev: 1

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Kemp Quarries - Benton County Stone - Gravette Sample No. Received : PCA0069791 : 26 Feb 2024 15100 N Hwy 59 Lab Number : 06101189 : 28 Feb 2024 Sulphur Springs, AR Tested : 28 Feb 2024 - Sean Felton US 72768 Unique Number : 10899419 Diagnosed Test Package : MOB 1 Contact: Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. gravette@bentoncountystone.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)