

WL127

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

KEMP QUARRIES / BCS - GRAVETTE [69691]

Front Differential

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

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: $\mbox{Pm2}$)

WEAR

All component wear rates are normal.

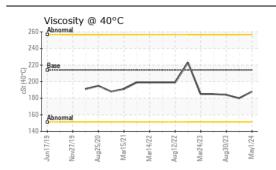
CONTAMINATION

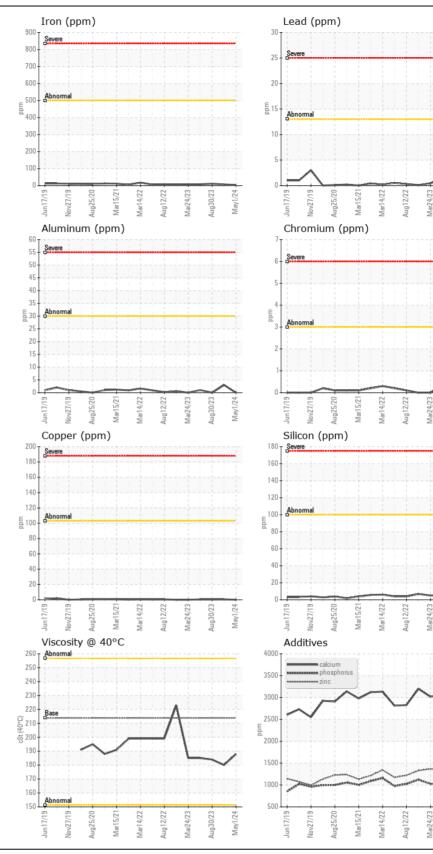
There is no indication of any contamination in the oil.

FLUID CONDITION

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

Test UOM Method Limit/Abn Current Histor	y1 History2
Sample Number Client Info PCA0108516 PCA006	69871 PCA0086394
Sample Date Client Info 01 May 2024 08 Dec	2023 30 Aug 2023
Machine Age hrs Client Info 33781 33270	32702
Oil Age hrs Client Info 33213 568	32702
Filter Age hrs Client Info 0 0	0
Oil Changed Client Info N/A N/A	Changed
Filter Changed Client Info N/A N/A	Changed
Sample Status NORMAL NORM	MAL NORMAL
Iron ppm ASTM D5185m >500 3 7	11
Chromium ppm ASTM D5185m >3 <1	0
Nickel ppm ASTM D5185m >3 0 <1	0
Titanium ppm ASTM D5185m >2 0 <1	<1
Silver ppm ASTM D5185m >2 0 0	0
Aluminum ppm ASTM D5185m >30 0 3	0
Lead ppm ASTM D5185m >13 0 <1	<1
Copper ppm ASTM D5185m >103 0 <1	<1
Tin ppm ASTM D5185m >5 <1	<1
Vanadium ppm ASTM D5185m 0 0	0
White Metal scalar *Visual NONE NONE NO	NE NONE
Yellow Metal scalar *Visual NONE NONE NO	NE NONE
Silicon ppm ASTM D5185m >100 8 8	6
	6
	2
Potassium ppm ASTM D5185m >20 0 2 Water WC Method >.2 NEG NE	2
Potassium ppm ASTM D5185m >20 0 2 Water WC Method >.2 NEG NE Silt scalar *Visual NONE NONE NO	2 G NEG
PotassiumppmASTM D5185m>2002WaterWC Method>.2NEGNESiltscalar*VisualNONENONENODebrisscalar*VisualNONENONENO	2 G NEG NE NONE
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PotassiumppmASTM D5185m>2002WaterWC Method>.2NEGNESiltscalar*VisualNONENONENODebrisscalar*VisualNONENONENOSand/Dirtscalar*VisualNONENONENOAppearancescalar*VisualNORMLNORMLNOOdorscalar*VisualNORMLNORMLNOEmulsified Waterscalar*Visual>.2NEGNE	2 IG NEG INE NONE INE NONE INE NONE INE NORML IRML NORML IG NEG
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PotassiumppmASTM D5185m>2002WaterWC Method>.2NEGNESiltscalar*VisualNONENONENODebrisscalar*VisualNONENONENOSand/Dirtscalar*VisualNONENONENOAppearancescalar*VisualNORMLNORMLNOOdorscalar*VisualNORMLNORMLNOEmulsified Waterscalar*Visual>.2NEGNESodiumppmASTM D5185m238	2 NEG NE NONE NONE NONE NONE NORML NORML G NEG 2 10
PotassiumppmASTM D5185m>2002WaterWC Method>.2NEGNESiltscalar*VisualNONENONENODebrisscalar*VisualNONENONENOSand/Dirtscalar*VisualNONENONENOAppearancescalar*VisualNORMLNORMLNOOdorscalar*VisualNORMLNORMLNOEmulsified Waterscalar*Visual>.2NEGNESodiumppmASTM D5185m238BariumppmASTM D5185m018	G 2 NEG NEG NE NONE NONE NONE NONE NONE RML NORML RML NORML G NEG 2 10 0
PotassiumppmASTM D5185m>2002WaterWC Method>.2NEGNESiltscalar*VisualNONENONENODebrisscalar*VisualNONENONENOSand/Dirtscalar*VisualNONENONENOAppearancescalar*VisualNORMLNORMLNOOdorscalar*VisualNORMLNORMLNOCorrscalar*VisualNORMLNORMLNOSodiumppmASTM D5185m<10BoronppmASTM D5185m018MolybdenumppmASTM D5185m002	G 2 NEG NEG NE NONE NOR NONE RML NORML RML NORML G NEG 2 10 0 10 0
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PotassiumppmASTM D5185m>2002WaterWC Method>.2NEGNESiltscalar*VisualNONENONENODebrisscalar*VisualNONENONENOSand/Dirtscalar*VisualNONENONENOAppearancescalar*VisualNORMLNORMLNOOdorscalar*VisualNORMLNORMLNOCodorscalar*VisualNORMLNORMLNOBoronppmASTM D5185m238BariumppmASTM D5185m018MolybdenumppmASTM D5185m021ManganeseppmASTM D5185m91817	2 G NEG NE NONE NONE NONE NNE NORML RML NORML RML NORML RML NORML RML NORML RML 10 0 1 10 0 11 <1 12 19 49 3058
PotassiumppmASTM D5185m>2002WaterWC Method>.2NEGNESiltscalar*VisualNONENONENODebrisscalar*VisualNONENONENOSand/Dirtscalar*VisualNONENONENOAppearancescalar*VisualNORMLNORMLNOOdorscalar*VisualNORMLNORMLNOOdorscalar*VisualNORMLNORMLNOEmulsified Waterscalar*Visual>.2NEGNESodiumppmASTM D5185m238BariumppmASTM D5185m018MolybdenumppmASTM D5185m0<1<1MagnesiumppmASTM D5185m91817CalciumppmASTM D5185m31143313354	2 IG NEG IG NONE INE NONE INE NONE INE NORM INE NORML IRML NORML IRML NORML IRML IO IRML IO IRML IO IRML IO INEG IO INEG IO INEG IO INEG IO INEG IO INEG INEG INEG IO INEG IO INEG INEG <
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Sample No. Received 15100 N Hwy 59 : PCA0108516 : 13 May 2024 Lab Number : 06177925 Tested Sulphur Springs, AR : 14 May 2024 Diagnosed Unique Number : 11029251 : 15 May 2024 - Sean Felton US 72768 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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

Laboratory

Mav1/24

Т:

F:

Aug30/23

Kemp Quarries - Benton County Stone - Gravette

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