

WL124

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

600

KEMP QUARRIES / BCS - GRAVETTE [69573]

Rear Differential

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

RECOMMENDATION

Resample at the next service interval to monitor. (Customer Sample Comment: $\mathsf{Pm4}$)

WEAR

All component wear rates are normal.

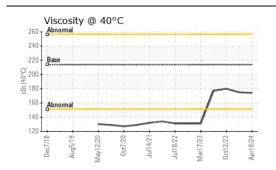
CONTAMINATION

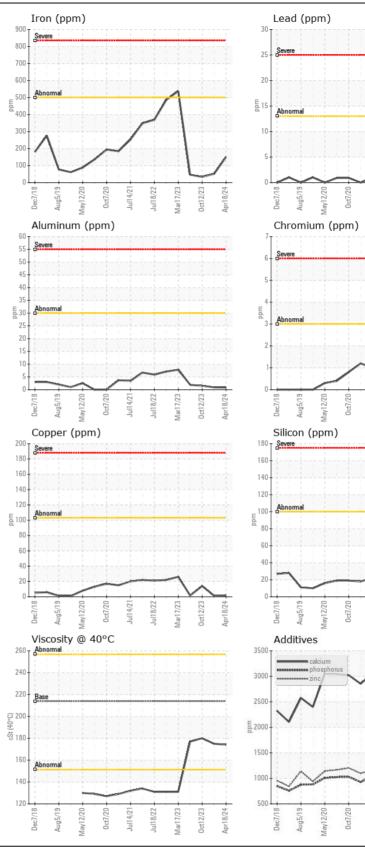
There is no indication of any contamination in the oil.

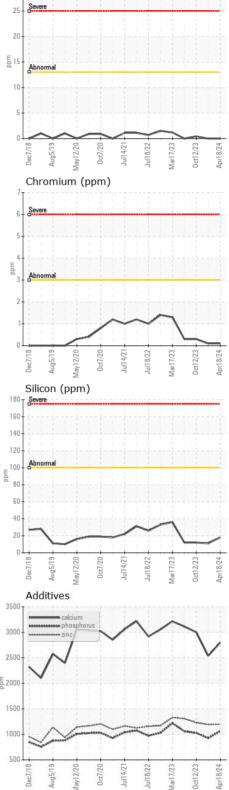
FLUID CONDITION

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

TestUOMMethodLimit/A0CurrentHistory1History2Sample NumberClient InfoPCA008553PCA0085791PCA0086977Sample DateClient Info18 Apr202408 Feb 202412 Cd 2023Machine AgehrsClient Info38441373653631937365Filter AgehrsClient Info38441373653631937365Filter AgehrsClient InfoChangedN/AN/AFilter ChangedClient InfoKNAN/AN/ASample StatusClient InfoN/AN/AN/AFinter AppleppmASTM D5185m>30c1<1<1IronppmASTM D5185m>33000<1NickelppmASTM D5185m>33C1<1< <td><1</td> <1NickelppmASTM D5185m>30c1<1< <td><1</td> 2LeadppmASTM D5185m>30c1<1<1<1CopperppmASTM D5185m>10300<1<14TinppmASTM D5185m>50c1000VanadiumppmASTM D5185m>103000<1VanadiumppmASTM D5185m>200000VanadiumppmASTM D5185m>200000VanadiumppmASTM D5185m>200000<	<1	<1		•			()		
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Oil AgehrsClient InfoIG373853631937365Filter AgehrsClient InfoOOOOil ChangedClient InfoN/AN/AN/AFilter ChangedIClient InfoN/AN/AN/ASample StatusVN/AN/AN/AN/AIronppmASTM D5185m550015051133ChromiumppmASTM D5185m530If C00NickelppmASTM D5185m520000TitaniumppmASTM D5185m520000AluminumppmASTM D5185m520000AluminumppmASTM D5185m530<1<12LeadppmASTM D5185m5130000VanaduiumppmASTM D5185m51010000Value Metalscalar'VisualNONENONENONENONENONESiliconppmASTM D5185m51001811122PotassiumppmASTM D5185m520002VaterVisualNONENONENONENONENONESiliconppmASTM D5185m520002QuatervisualNONENONENONENONENONESoliconppmASTM D5185m520002 <th>Sample Date</th> <th></th> <th>Client Info</th> <th></th> <th>18 Apr 2024</th> <th>08 Feb 2024</th> <th>12 Oct 2023</th>	Sample Date		Client Info		18 Apr 2024	08 Feb 2024	12 Oct 2023		
Filter Age OIIntIntIntIntIntIntIntIntOIClient Info Sample StatusClient InfoN/AN/AN/AFilter ChangedIClient InfoN/AN/AN/ASample StatusNORMALNORMALNORMALNORMALIronppmASTM D5185m>30<1<1<1IronppmASTM D5185m>30<1<1<1NickelppmASTM D5185m>200<1SilverppmASTM D5185m>200<1SilverppmASTM D5185m>30<1<12LeadppmASTM D5185m>1032214TinppmASTM D5185m>55<100VanadiumppmASTM D5185m>500181112Pellow Metalscalar"VisualNONENONENONENONEVellow Metalscalar"VisualNONENONENONENONESiliconppmASTM D5185m>100181112PotassiumppmASTM D5185m>20002SiliconppmASTM D5185m>20002SiliconppmASTM D5185m>20002SiliconppmASTM D5185m>20002SiliconppmASTM D5185m>20NONENONE	Machine Age	hrs	Client Info		38441	37365	37365		
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Boron ppm ASTM D5185m 2 2 0 3 Barium ppm ASTM D5185m 0 1 0 9 Molybdenum ppm ASTM D5185m 0 1 0 9 Manganese ppm ASTM D5185m 0 0 0 2 Magnesium ppm ASTM D5185m 0 1 <1 0 Magnesium ppm ASTM D5185m 9 19 17 18 Calcium ppm ASTM D5185m 3114 2795 2539 3001 Phosphorus ppm ASTM D5185m 1099 1064 926 1028 Zinc ppm ASTM D5185m 1245 1197 1192 1230 Sulfur ppm ASTM D5185m 7086 5546 4805 6468	Odor	scalar scalar	*Visual *Visual	NORML NORML	NONE NORML NORML	NONE NORML NORML	NONE NORML NORML		
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Manganese ppm ASTM D5185m 0 1 <1	Odor Emulsified Water Sodium Boron	scalar scalar scalar ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m	NORML NORML >.2 2	NONE NORML NORML NEG 1 2	NONE NORML NORML NEG 0 0	NONE NORML NORML NEG 0 3		
Magnesium ppm ASTM D5185m 9 19 17 18 Calcium ppm ASTM D5185m 3114 2795 2539 3001 Phosphorus ppm ASTM D5185m 1099 1064 926 1028 Zinc ppm ASTM D5185m 1245 1197 1192 1230 Sulfur ppm ASTM D5185m 7086 5546 4805 6468	Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NORML NORML >.2 2 0	NONE NORML NORML NEG 1 2 1	NONE NORML NEG 0 0 0	NONE NORML NORML NEG 0 3 9		
Calcium ppm ASTM D5185m 3114 2795 2539 3001 Phosphorus ppm ASTM D5185m 1099 1064 926 1028 Zinc ppm ASTM D5185m 1245 1197 1192 1230 Sulfur ppm ASTM D5185m 7086 5546 4805 6468	Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NORML NORML >.2 2 0 0	NONE NORML NEG 1 2 1 0	NONE NORML NEG 0 0 0 0 0	NONE NORML NORML NEG 0 3 9 2		
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Sample No. : PCA0108553 Received : 13 May 2024 15100 N Hwy 59 Lab Number : 06177936 Sulphur Springs, AR Tested : 14 May 2024 Unique Number : 11029262 : 15 May 2024 - Sean Felton US 72768 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.

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

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Laboratory

Т:

F:

Kemp Quarries - Benton County Stone - Gravette