

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL

Machine Id PETRO CANADA GEO 15W40

Component **Top New (Unused) Oil** Fluid Fluid

{not provided} (--- QTS)

DIAGNOSIS

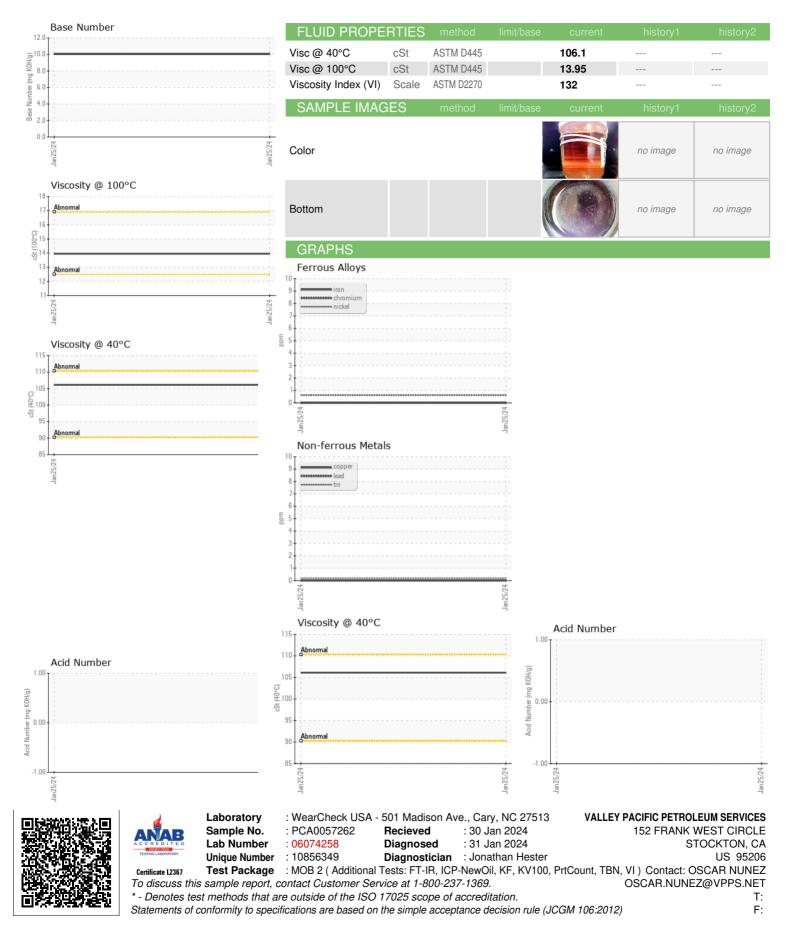
Recommendation

This is a baseline read-out on the submitted sample.

Sample Date Client Info 25 Jan 2024 Machine Age mls Client Info 0 Oil Age mls Client Info 0 Oil Changed Client Info Not Changd Sample Status method limit/base current history1 history2 Iron ppm ASTM D5185m 0 Ohromium ppm ASTM D5185m 0 Nickel ppm ASTM D5185m 0 Silver ppm ASTM D5185m <1 Aluminum ppm ASTM D5185m <1 Age ppm ASTM D5185m <1 Copper ppm ASTM D5185m <1 Cadmium ppm ASTM D5185m <1 Mangane					Jan2024		
Sample Date Client Info 25 Jan 2024 Machine Age mis Client Info 0 Oil Age mis Client Info Not Changd Sample Status Imit base ourrent history1 History1 History2 VeAR METALS method Imit base ourrent history1 Nickel ppm ASTM 05185n 0 Nickel ppm ASTM 05185n <1 Aluminum ppm ASTM 05185n 0 Aduminum ppm ASTM 05185n 0 Copper ppm ASTM 05185n 0 Adminum ppm ASTM 05185n <1 Cadmium ppm ASTM 05185n <1 ADDITVES method I	SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Machine Age mis Client Info 0 Oil Age mis Client Info Not Changd Sample Status Info Not Changd WEAR METALS method Infut/base current history1 WEAR METALS method Infut/base current Nickel ppm ASTM 05185m 0 Silver ppm ASTM 05185m <1	Sample Number		Client Info		PCA0057262		
Oil Age mis Client Info 0 Oil Changed Client Info Not Changd Sample Status Imit Ast Imit Ast NORMAL WEAR METALS method Imit Ast 0 Chromium ppm ASTM 05155n 0 Nickel ppm ASTM 05155n <1	Sample Date		Client Info		25 Jan 2024		
Oli Changed Client Info Not Changed Sample Status Imit base current NoRMAL WEAR METALS method limit/base current history1 History2 Iron ppm ASTM 05185n 0 Chromium ppm ASTM 05185n <1	Machine Age	mls	Client Info		0		
Sample Status NORMAL WEAR METALS method imilibase current history1 history2 Iron ppm ASTM D5185m 0 Chromium ppm ASTM D5185m 0 Nickel ppm ASTM D5185m 0 Silver ppm ASTM D5185m 0 Aluminum ppm ASTM D5185m 0 Copper ppm ASTM D5185m 0 Cadmium ppm ASTM D5185m <1	Oil Age	mls	Client Info		0		
WEAR METALS method limit/base current history1 history2 from ppm ASTM D5185m 0 Nickel ppm ASTM D5185m <1	Oil Changed		Client Info		Not Changd		
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Chromium ppm ASTM D5185m 0 Nickel ppm ASTM D5185m <1	Iron	ppm	ASTM D5185m		0		
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Titanium ppm ASTM D5185m 0 Silver ppm ASTM D5185m 2 Aluminum ppm ASTM D5185m 0 Lead ppm ASTM D5185m 0 Copper ppm ASTM D5185m <1	Nickel		ASTM D5185m		<1		
Silver ppm ASTM D5185m <1 Aluminum ppm ASTM D5185m 0 Copper ppm ASTM D5185m 0 Copper ppm ASTM D5185m 0 Vanadium ppm ASTM D5185m <1							
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VanadiumppmASTM D5185m<1CadmiumppmASTM D5185m<1					-		
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MagnesiumppmASTM D5185m525CalciumppmASTM D5185m1488PhosphorusppmASTM D5185m780ZincppmASTM D5185m924SulfurppmASTM D5185m2433SulfurppmASTM D5185m2433CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m6SodiumppmASTM D5185m2PotassiumppmASTM D5185m>200Water%ASTM D6304NEGFLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Base Number (BN)mg KOHgASTM D289610.03VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiltscalar*VisualNONENONESiltscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORML </td <td>Molybdenum</td> <td>ppm</td> <td></td> <td></td> <th>42</th> <td></td> <td></td>	Molybdenum	ppm			42		
CalciumppmASTM D5185m1488PhosphorusppmASTM D5185m780ZincppmASTM D5185m924SulfurppmASTM D5185m2433CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m6SodiumppmASTM D5185m6PotassiumppmASTM D5185m>200Water%ASTM D5185m>200FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Base Number (BN)mg KOHgASTM D289610.03VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONEYellow Metalscalar*VisualNONESiltscalar*VisualNONENONESiltscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLCodorscalar*VisualNORMLNORML	-	ppm	ASTM D5185m				
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ZincppmASTM D5185m924SulfurppmASTM D5185m2433CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m6SodiumppmASTM D5185m2PotassiumppmASTM D5185m2Water%ASTM D5185m>200FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Base Number (BN)mg KOHgASTM D289610.03VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiltscalar*VisualNONENONESiltscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLGodorscalar*VisualNORMLNORMLAppearancescalar*VisualNORMLNORMLEmulsified Waterscalar*VisualNORMLNEGSolorscalar*Visual <td>Calcium</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>1488</th> <td></td> <td></td>	Calcium	ppm	ASTM D5185m		1488		
SulfurppmASTM D5185m2433CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m6SodiumppmASTM D5185m2PotassiumppmASTM D5185m>200Water%ASTM D5185m>200FLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Base Number (BN)mg KOHgASTM D289610.03VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiltscalar*VisualNONENONESiltscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLGodrscalar*VisualNORMLNORMLMaterscalar*VisualNORMLNORMLSultscalar*VisualNORMLNORMLSultscalar*VisualNORMLNORMLSultscalar*Visual </td <td>Phosphorus</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th>780</th> <td></td> <td></td>	Phosphorus	ppm	ASTM D5185m		780		
CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m6SodiumppmASTM D5185m2PotassiumppmASTM D5185m>200Water%ASTM D6304NEGFLUID DEGRADATIONmethodlimit/basecurrenthistory1history2Base Number (BN)mg KOHgASTM D289610.03VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONEYellow Metalscalar*VisualNONENONESiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLCodorscalar*VisualNORMLNORMLEmulsified Waterscalar*VisualNORMLNEG	Zinc	ppm	ASTM D5185m		924		
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Precipitatescalar*VisualNONENONESiltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*VisualNEG	White Metal	scalar	*Visual	NONE	NONE		
Siltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*VisualNEG	Yellow Metal	scalar	*Visual	NONE	NONE		
Siltscalar*VisualNONENONEDebrisscalar*VisualNONENONESand/Dirtscalar*VisualNONENONEAppearancescalar*VisualNORMLNORMLOdorscalar*VisualNORMLNORMLEmulsified Waterscalar*VisualNEG	Precipitate	scalar	*Visual				
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Emulsified Water scalar *Visual NEG	••						
						ion: OSCAR NI	JNEZ VALSTO



OIL ANALYSIS REPORT



Contact/Location: OSCAR NUNEZ - VALSTO