

OIL ANALYSIS REPORT

Area (C0501064) Machine Id 812043

Component Transmission (Auto)

PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

📥 Wear

Bearing, clutch or torque converter wear is indicated.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

SAMPLE INFORMATIONmethodlimit/basecurrenthistory1history2Sample NumberClient InfoGFL0115707GFL0107231GFL0091427Sample DateClient Info25 Mar 202408 Jan 202423 Oct 2023Machine AgehrsClient Info601255705154Oil AgehrsClient Info267662246Oil ChangedClient InfoNot ChangdNot ChangdNot ChangdSample StatusImit/baseCurrenthistory1history2							
Sample Number Client Info GFL0115707 GFL0107231 GFL0014231 GFL001431 GFL001431	68 (GAL)		Dec2022 Fi	b2023 Apr2023 Ma	y2023 Jul2023 Aug2023	Jan2024	
Sample Date Client Info 25 Mar 2024 08 Jan 2024 23 Oct 2023 Machine Age hrs Client Info 6012 5570 5154 Dil Age hrs Client Info 267 662 246 Dil Changed Client Info Net Changd ABNORMAL	SAMPLE INFOR		method	limit/base	current	history1	history2
Machine Age hrs Client Info 6012 5570 5154 Dil Age hrs Client Info 267 662 246 Dil Changed Client Info Not Changd Not Changd Not Changd Not Changd Not Changd Not Changd ABNORMAL ABNORMA	Sample Number		Client Info		GFL0115707	GFL0107231	GFL0091427
Dil Age hrs Client Info 267 662 246 Dil Changed Client Info Not Changd Not Changd Not Changd ABNORMAL	Sample Date		Client Info		25 Mar 2024	08 Jan 2024	23 Oct 2023
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ead ppm ASTM D5185m >50 63 62 62 Copper ppm ASTM D5185m >225 61 57 54 Fin ppm ASTM D5185m >10 11 10 10 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 82 82 88 Barium ppm ASTM D5185m 0 0 0 Valgobelnum ppm ASTM D5185m 21 1 0 Calcium ppm ASTM D5185m 267 262 270 Zinc ppm ASTM D5185m 20 9 9 8 CONTAMINANTS method limit/base current history1 history2 Solium ppm </td <td>Silver</td> <td>ppm</td> <td>ASTM D5185m</td> <td>>5</td> <td>0</td> <td>0</td> <td>0</td>	Silver	ppm	ASTM D5185m	>5	0	0	0
CopperppmASTM D5185m>225615754FinppmASTM D5185m>1011▲10▲10/anadiumppmASTM D5185m0000CadmiumppmASTM D5185m0000ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m828288BariumppmASTM D5185m000MolybdenumppmASTM D5185m222MaganeseppmASTM D5185m<1	Aluminum	ppm	ASTM D5185m	>50	<mark> 8</mark> 6	A 85	A 78
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DadmiumpmASTM D5185m00ADDITIVESmethodlimit/basecurrenthistory1history2BoronppmASTM D5185m828288BariumppmASTM D5185m000MolybdenumppmASTM D5185m0000ManganeseppmASTM D5185m2222MagnesumppmASTM D5185m<1	Γin	ppm	ASTM D5185m	>10	1 1	1 0	1 0
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BoronppmASTM D5185m828288BariumppmASTM D5185m000MolybdenumppmASTM D5185m00<1	Cadmium	ppm	ASTM D5185m		0	0	0
BariumppmASTM D5185m000MolybdenumppmASTM D5185m00<1	ADDITIVES		method	limit/base	current	history1	history2
WolybdenumppmASTM D5185m00<1ManganeseppmASTM D5185m222MagnesiumppmASTM D5185m41<1	Boron	ppm	ASTM D5185m		82	82	88
MarganeseppmASTM D5185m222MagnesiumppmASTM D5185m<1	Barium	ppm	ASTM D5185m		0	0	0
AagnesiumppmASTM D5185m<1<10CalciumppmASTM D5185m474648PhosphorusppmASTM D5185m267262270ZincppmASTM D5185m007SulfurppmASTM D5185m996902869CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20998CONTAMINANTSmethodlimit/basecurrenthistory1history2SiliconppmASTM D5185m>20544VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESilitscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORMLCodorscalar*VisualNORMLNORMLNORMLNORML	Nolybdenum	ppm	ASTM D5185m		0	0	<1
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VISUALmethodlimit/basecurrenthistory1history2White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Sodium	ppm	ASTM D5185m		7	6	6
White Metalscalar*VisualNONENONENONENONENONEYellow Metalscalar*VisualNONENONENONENONENONEPrecipitatescalar*VisualNONENONENONENONENONESiltscalar*VisualNONENONENONENONENONEDebrisscalar*VisualNONENONENONENONENONESand/Dirtscalar*VisualNONENONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Potassium	ppm	ASTM D5185m	>20	5	4	4
Yellow Metalscalar*VisualNONENONENONENONEPrecipitatescalar*VisualNONENONENONENONESiltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	VISUAL		method	limit/base	current	history1	history2
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Siltscalar*VisualNONENONENONENONEDebrisscalar*VisualNONENONENONENONESand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	ellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debrisscalar*VisualNONENONENONENONEGand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEGNEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Doorscalar*VisualNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>0.1NEGNEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Water scalar *Visual >0.1 NEG NEG NEG	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Free Water scalar *Visual NEG NEG NEG	Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
	Free Water	scalar	*Visual		NEG	NEG	NEG

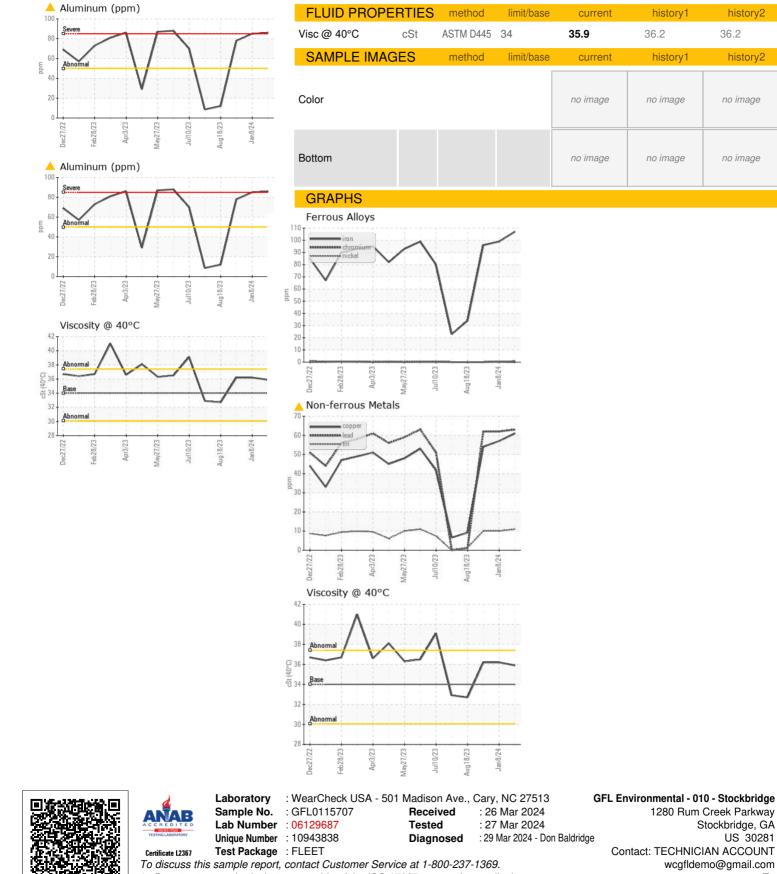
Sample Rating Trend

WEAR

Submitted By: JOSHUA TINKER



OIL ANALYSIS REPORT



* - 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)

Submitted By: JOSHUA TINKER

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Stockbridge, GA

US 30281

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F:

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history2

history2

no image

no image

36.2

history1

history1

no image

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36.2