

OIL ANALYSIS REPORT

Sample Rating Trend



Area [65334] Machine Id WL149 Component

Rear Left Final Drive

PETRO CANADA DURATRAN ALL-SEASON (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor. (Customer Sample Comment: Pm3 performed. All oil samples taken. Engine oil, and all filters changed.)

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

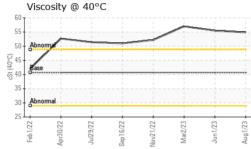
Fluid Condition

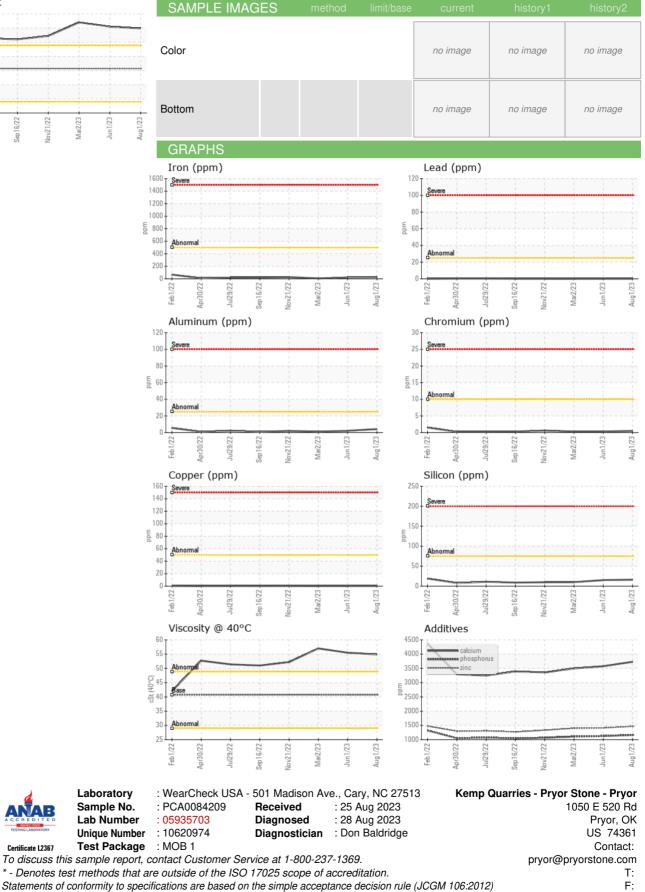
The condition of the oil is acceptable for the time in service.

Sample Number Client Info PCA0084209 PCA0084009 PCA0070573 Sample Date Client Info 01 Aug 2023 01 Jun 2023 02 Mar 2023 Machine Age hrs Client Info 1597 1186 7494 Oil Age hrs Client Info Oil Added Oil Added Oil Added Sample Status method Imit/base current history1 history2 Iron ppm ASTM 05185m >500 29 22 7 Chromium ppm ASTM 05185m >10 <1 <1 0 Nickel ppm ASTM 05185m >20 0 0 0 Silver ppm ASTM 05185m 0 0 0 0 Cadmium ppm ASTM 05185m >50 0 0 0 0 Vanadium ppm ASTM 05185m 121 123 132 Bartin ppm ASTM 05185m 121 13 14			method	limit/base		biotonul	history?
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Boron ppm ASTM D5185m 121 123 132 Barium ppm ASTM D5185m 0 2 0 Molybdenum ppm ASTM D5185m 0 1 1 Manganese ppm ASTM D5185m 26 25 28 Calcium ppm ASTM D5185m 26 25 28 Calcium ppm ASTM D5185m 26 25 28 Calcium ppm ASTM D5185m 3730 3576 3499 Phosphorus ppm ASTM D5185m 1165 1128 1109 Zinc ppm ASTM D5185m 3930 3801 3948 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >20 0 1 0 Sodium ppm ASTM D5185m >20 0 1 0 Visual NONE NONE NONE NONE	Cadmium	ppm	ASTM D5185m		0	0	0
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Emulsified Waterscalar*Visual>0.2NEGNEGNEGFree Waterscalar*VisualMEGNEGNEGNEGFLUID PROPERTIESmethodlimit/basecurrenthistory1history2Visc @ 40°CcStASTM D44540.754.955.557.0	Appearance	scalar	*Visual		NORML	NORML	
Free Waterscalar*VisualNEGNEGFLUID PROPERTIESmethodlimit/basecurrenthistory1history2Visc @ 40°CcStASTM D44540.754.955.557.0	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
FLUID PROPERTIES method limit/base current history1 history2 Visc @ 40°C cSt ASTM D445 40.7 54.9 55.5 57.0	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Visc @ 40°C cSt ASTM D445 40.7 54.9 55.5 57.0	Free Water	scalar	*Visual		NEG	NEG	NEG
-	FLUID PROPE	RTIES	method	limit/base	current	history1	history2
5:50:51) Rev: 1 Submitted By:	Visc @ 40°C	cSt	ASTM D445	40.7	54.9	55.5	57.0
	5:50:51) Rev: 1						Submitted By:



OIL ANALYSIS REPORT





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