

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



Machine Id 429098

Fluid

Component Diesel Engine

PETRO CANADA DURON SHP 15W40 (--- GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

Fluid Condition

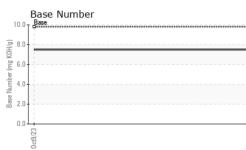
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

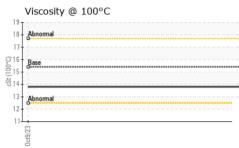
IATION	method	limit/base	current	history1	history2
	Client Info		GFL0087951		
	Client Info		09 Oct 2023		
hrs	Client Info		11932		
hrs	Client Info		600		
	Client Info		Changed		
			NORMAL		
ON	method	limit/base	current	history1	history2
	WC Method	>3.0	<1.0		
	WC Method		NEG		
5	method	limit/base	current	history1	history2
ppm	ASTM D5185m	>120	10		
ppm	ASTM D5185m	>20	<1		
ppm	ASTM D5185m	>5	<1		
ppm	ASTM D5185m	>2	<1		
ppm	ASTM D5185m	>2	<1		
ppm	ASTM D5185m	>20	2		
ppm	ASTM D5185m	>40	0		
ppm	ASTM D5185m	>330	4		
ppm	ASTM D5185m	>15	<1		
ppm	ASTM D5185m		<1		
ppm	ASTM D5185m		0		
	method	limit/base	current	history1	history2
ppm	ASTM D5185m	0	3		
ppm	ASTM D5185m	0	0		
ppm	ASTM D5185m	60	57		
ppm	ASTM D5185m	0	<1		
ppm	ASTM D5185m	1010	874		
ppm ppm	ASTM D5185m ASTM D5185m	1010 1070	874 1082		
			-		
ppm	ASTM D5185m	1070	1082		
ppm ppm	ASTM D5185m ASTM D5185m	1070 1150	1082 959		
ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m	1070 1150 1270	1082 959 1124		
ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	1070 1150 1270 2060 limit/base	1082 959 1124 2823		
ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method	1070 1150 1270 2060 limit/base	1082 959 1124 2823 current		
ppm ppm ppm ppm FS	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m	1070 1150 1270 2060 limit/base >25	1082 959 1124 2823 current 5		
ppm ppm ppm ppm TS ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	1070 1150 1270 2060 limit/base >25	1082 959 1124 2823 current 5 5		
ppm ppm ppm ppm TS ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	1070 1150 1270 2060 limit/base >25 >20	1082 959 1124 2823 current 5 5 <	 history1 	 history2
ppm ppm ppm ppm FS ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	1070 1150 1270 2060 limit/base >25 >20 limit/base	1082 959 1124 2823 current 5 5 <1 <1	 history1 history1	 history2 history2
ppm ppm ppm ppm FS ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	1070 1150 2060 limit/base >25 >20 limit/base >4 >20	1082 959 1124 2823 current 5 5 5 <1 current 0.5	 history1 history1 	 history2 history2
ppm ppm ppm ppm ppm ppm ppm ppm % Abs/cm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	1070 1150 2060 limit/base >25 >20 limit/base >4 >20	1082 959 1124 2823 current 5 5 <1 current 0.5 7.2	 history1 history1 history1	 history2 history2
ppm ppm ppm ppm rS ppm ppm ppm ppm % Abs/cm Abs/.1mm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D7844 *ASTM D7844 *ASTM D7844	1070 1150 1270 2060 limit/base >25 >20 limit/base >4 >20 >30	1082 959 1124 2823 current 5 5 <1 current 0.5 7.2 19.4	 history1 history1 history1	 history2 history2 history2
	hrs hrs ON ON ppm ppm ppm ppm ppm ppm ppm ppm ppm pp	Client InfoClient InfohrsClient InfohrsClient InfohrsClient InfoClient InfoClient InfoONmethodWC MethodWC MethodppmASTM D5185mppmASTM D5185m <t< td=""><td>Client InfoClient InfohrsClient InfohrsClient InfohrsClient InfoClient InfoClient InfoClient InfoImit/baseWC Method>3.0WC Method>3.0WC Method>3.0WC Method>3.0MathodImit/baseMathodStatePpmASTM D5185mASTM D5185m>20ppmASTM D5185mPpmASTM D5185m</td><td>Client InfoGFL0087951Client Info09 Oct 2023hrsClient Info11932hrsClient Info600Client InfoChangedNrsClient InfoNORMALONmethodlimit/baseWC Method>3.0<1.0</td>WC Method>3.0<1.0</t<>	Client InfoClient InfohrsClient InfohrsClient InfohrsClient InfoClient InfoClient InfoClient InfoImit/baseWC Method>3.0WC Method>3.0WC Method>3.0WC Method>3.0MathodImit/baseMathodStatePpmASTM D5185mASTM D5185m>20ppmASTM D5185mPpmASTM D5185m	Client InfoGFL0087951Client Info09 Oct 2023hrsClient Info11932hrsClient Info600Client InfoChangedNrsClient InfoNORMALONmethodlimit/baseWC Method>3.0<1.0	Client InfoGFL0087951Client Info09 Oct 2023hrsClient Info11932hrsClient Info600Client InfoChangedClient InfoNORMALWC Method>3.0<1.0

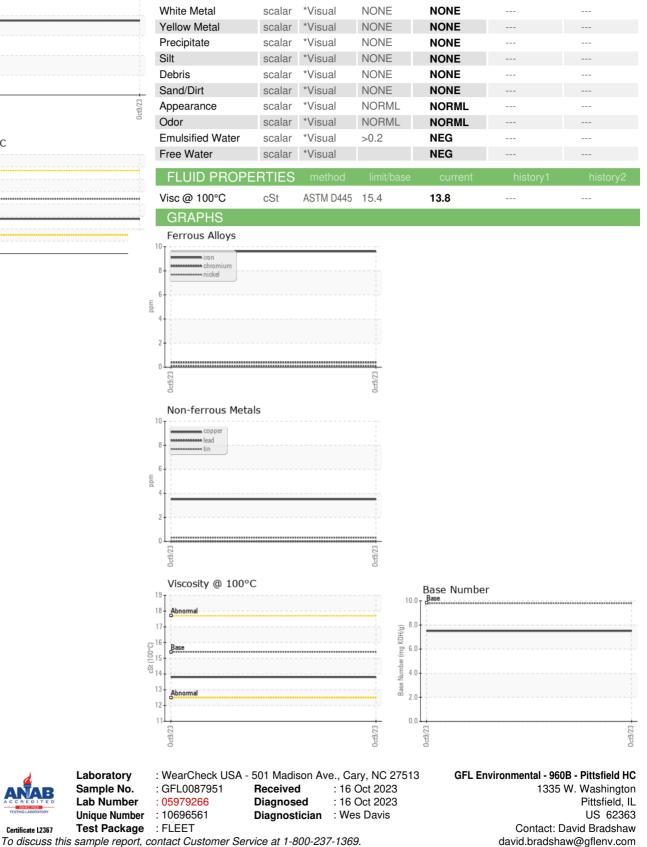


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VISUAL







* - 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)

Certificate L2367

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Submitted By: See also GFL960B, 960C, 960D - David Bradshaw

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