

OIL ANALYSIS REPORT

Sample Rating Trend

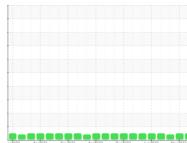




Machine Id 911015 Component

Diesel Engine Fluid

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

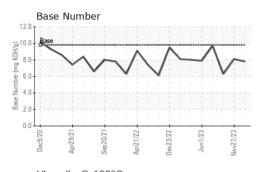


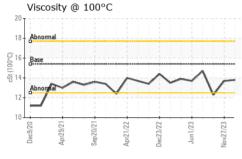


DIAGNOSIS	SAMPLE INFOF	MATION	method	limit/base	current	history1	history2
Recommendation	Sample Number		Client Info		GFL0058082	GFL0100174	GFL0058046
Resample at the next service interval to monitor.	Sample Date		Client Info		20 Feb 2024	27 Nov 2023	07 Sep 2023
Near	Machine Age	hrs	Client Info		7853	7273	6713
All component wear rates are normal.	Oil Age	hrs	Client Info		599	560	360
Contamination	Oil Changed		Client Info		Changed	Changed	Changed
There is no indication of any contamination in the il.	Sample Status				NORMAL	NORMAL	ATTENTION
Iuid Condition	CONTAMINA	ION	method	limit/base	current	history1	history2
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.	Fuel		WC Method		<1.0	<1.0	0.5
	Water		WC Method	>0.2	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	WEAR METAL	_S	method	limit/base	current	history1	history2
	Iron	ppm	ASTM D5185m		8	5	6
	Chromium	ppm	ASTM D5185m		<1	<1	0
	Nickel	ppm	ASTM D5185m		<1	<1	<1
	Titanium	ppm	ASTM D5185m	>2	0	<1	0
	Silver	ppm	ASTM D5185m	>2	0	0	0
	Aluminum	ppm	ASTM D5185m	>20	2	1	2
	Lead	ppm	ASTM D5185m	>40	0	<1	<1
	Copper	ppm	ASTM D5185m	>330	<1	1	1
	Tin	ppm	ASTM D5185m	>15	0	<1	<1
	Vanadium	ppm	ASTM D5185m		0	<1	<1
	Cadmium	ppm	ASTM D5185m		0	0	0
	ADDITIVES		method	limit/base	current	history1	history2
	Boron	ppm	ASTM D5185m	0	2	2	2
	Barium	ppm	ASTM D5185m	0	<1	0	0
	Molybdenum	ppm	ASTM D5185m	60	68	57	30
	Manganese	ppm	ASTM D5185m	0	0	<1	<1
	Magnesium	ppm	ASTM D5185m	1010	1047	911	404
	Calcium	ppm	ASTM D5185m	1070	1078	1147	2012
	Phosphorus	ppm	ASTM D5185m	1150	981	1044	960
	Zinc	ppm	ASTM D5185m	1270	1336	1264	1203
	Sulfur	ppm	ASTM D5185m	2060	3175	2973	3944
	CONTAMINAN	NTS	method	limit/base	current	history1	history2
	Silicon	ppm	ASTM D5185m	>25	4	4	4
	Sodium	ppm	ASTM D5185m		0	4	3
	Potassium	ppm	ASTM D5185m	>20	3	0	<1
	INFRA-RED		method	limit/base	current	history1	history2
	Soot %	%	*ASTM D7844	>4	0.4	0.4	0.4
	Nitration	Abs/cm	*ASTM D7624	>20	8.5	7.8	8.1
	Sulfation	Abs/.1mm	*ASTM D7415	>30	19.4	19.4	18.4
	FLUID DEGRA	DATION	method	limit/base	current	history1	history2
	FLUID DEGRA Oxidation	DATION Abs/.1mm	method *ASTM D7414		current	history1 15.2	history2 11.9

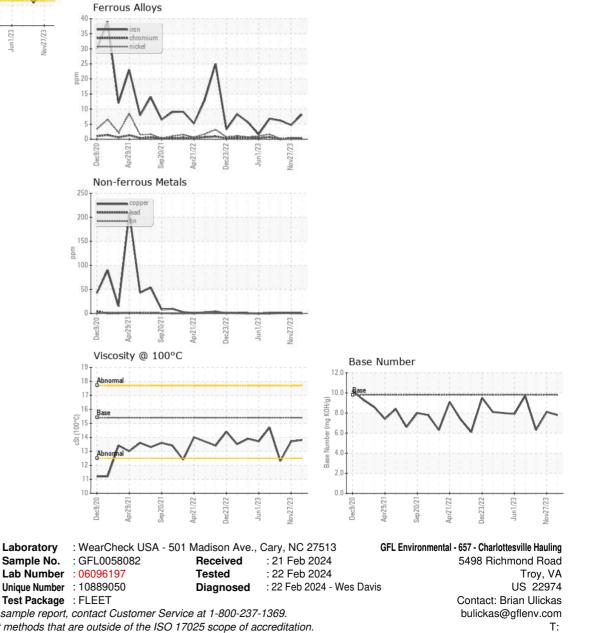


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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	15.4	13.8	13.7	12.3
GRAPHS						





Test Package : FLEET Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. * - 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: TECHNICIAN ACCOUNT

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