

DIAGNOSIS

monitor this condition.

Contamination

Fluid Condition

contaminants.

All component wear rates are normal.

Wear

the fluid.

OIL ANALYSIS REPORT

Sample Rating Trend

DIRT



We advise that you check all areas where dirt can enter the system. We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to

There is a moderate concentration of dirt present in

The AN level is acceptable for this fluid. The fluid is no longer serviceable due to the presence of

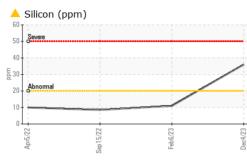
Transmission (Auto)

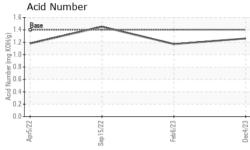
PETRO CANADA DuraDrive HD Synthetic 668 (--- GAL)

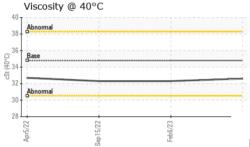
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0099583	GFL0063759	GFL005776
Sample Date		Client Info		04 Dec 2023	06 Feb 2023	15 Sep 202
Machine Age	kms	Client Info		131717	21205	20194
Oil Age	kms	Client Info		0	1033	1156
Oil Changed		Client Info		N/A	Changed	Changed
Sample Status				ABNORMAL	NORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METAL	.S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>300	129	97	88
Chromium	ppm	ASTM D5185(m)	>2	<1	0	0
Nickel	ppm	ASTM D5185(m)	>4	<1	<1	0
Titanium	ppm	ASTM D5185(m)	>3	0	<1	<1
Silver	ppm	ASTM D5185(m)	>5	0	0	0
Aluminum	ppm	ASTM D5185(m)	>70	19	21	17
Lead	ppm	ASTM D5185(m)	>85	5	15	15
Copper	ppm	ASTM D5185(m)	>90	18	40	38
Tin	ppm	ASTM D5185(m)	>10	<1	2	1
Antimony	ppm	ASTM D5185(m)	>5	0	<1	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
Beryllium	ppm	ASTM D5185(m)		0	0	0
Cadmium	ppm	ASTM D5185(m)		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	78	71	100	101
Barium	ppm	ASTM D5185(m)		0	0	0
Molybdenum	ppm	ASTM D5185(m)	0	0	<1	0
Manganese	ppm	ASTM D5185(m)		<1	<1	<1
Magnesium	ppm	ASTM D5185(m)	0	5	<1	<1
Calcium	ppm	ASTM D5185(m)	113	147	133	129
Phosphorus	ppm	ASTM D5185(m)	222	231	301	300
Zinc	ppm	ASTM D5185(m)		8	8	8
Sulfur	ppm	ASTM D5185(m)	1326	1617	1693	1684
Lithium	ppm	ASTM D5185(m)		<1	<1	<1
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>20	A 36	11	8
Sodium	ppm	ASTM D5185(m)		8	9	7
Potassium	ppm	ASTM D5185(m)	>20	3	1	2
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
	ma KOUKa		1 /	1.00	1 17	4 45
Acid Number (AN)	mg KOH/g	ASTM D974*	1.4	1.26	1.17	1.45



OIL ANALYSIS REPORT



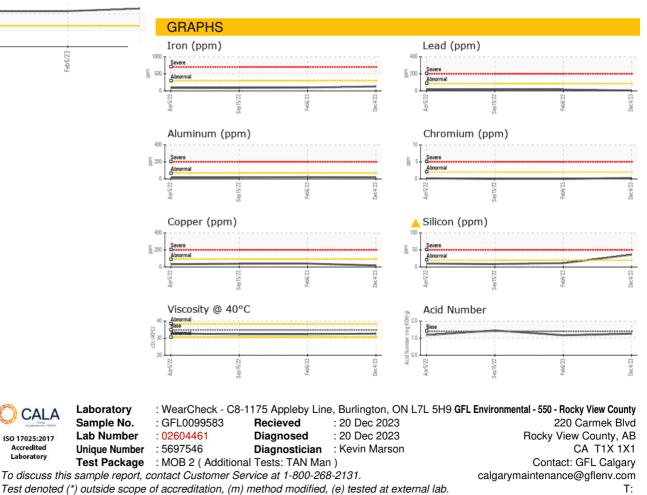




VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Precipitate	scalar	Visual*	NONE	NONE	NONE	NONE
Silt	scalar	Visual*	NONE	NONE	NONE	VLITE
Debris	scalar	Visual*	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	Visual*	NONE	LIGHT	VLITE	NONE
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	NEG	NEG	NEG
Free Water	scalar	Visual*		NEG	NEG	NEG
FLUID PROPE	RTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	34.8	32.6	32.3	32.3
SAMPLE IMAG	iES	method	limit/base	current	history1	history2
Color						

Bottom

Validity of results and interpretation are based on the sample and information as supplied.



CALA

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