

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
301084
Component

Gasoline Engine

PETRO CANADA DURON UHP 5W30 (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

Fuel content negligible. There is no indication of any contamination in the oil.

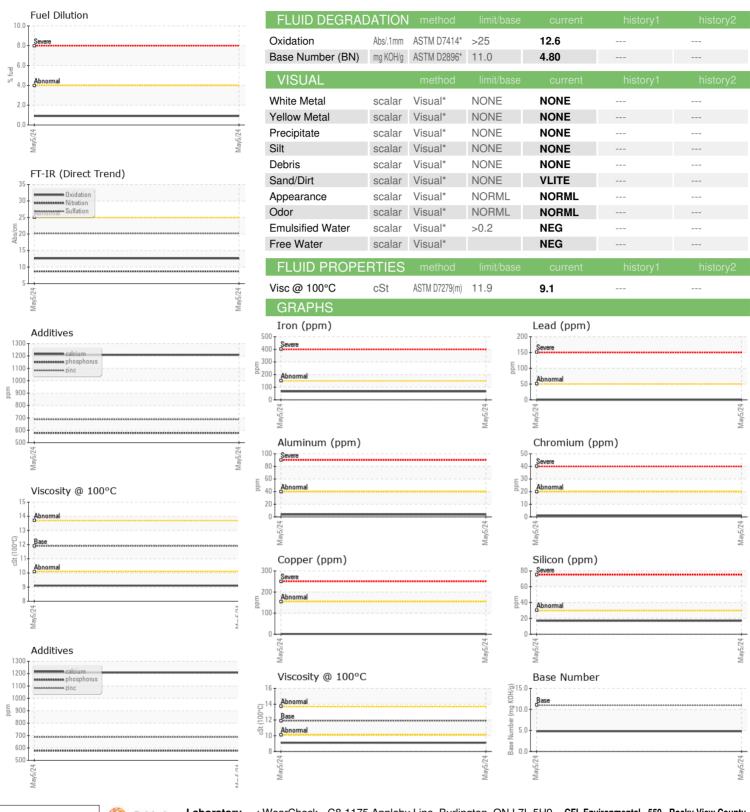
Fluid Condition

Additive levels indicate the addition of a different brand, or type of oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

AL)				May2024		
SAMPLE INFOR	MATION	method	limit/base	ourront	hiotony1	hiotomy?
	IIVIATION		IIIIII/Dase	current	history1	history2
Sample Number		Client Info		GFL0117286		
Sample Date		Client Info		05 May 2024		
Machine Age	kms	Client Info		315858		
Oil Age	kms	Client Info		315858		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Vater		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	_S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185(m)	>150	66		
Chromium	ppm	ASTM D5185(m)	>20	1		
Nickel	ppm	ASTM D5185(m)	>5	0		
Fitanium -	ppm	ASTM D5185(m)		0		
Silver	ppm	ASTM D5185(m)	>2	0		
Aluminum	ppm	ASTM D5185(m)	>40	4		
_ead	ppm	ASTM D5185(m)	>50	0		
Copper	ppm	ASTM D5185(m)	>155	1		
- in	ppm	ASTM D5185(m)	>10	0		
Antimony	ppm	ASTM D5185(m)		0		
/anadium	ppm	ASTM D5185(m)		0		
Beryllium	ppm	ASTM D5185(m)		0		
Cadmium	ppm	ASTM D5185(m)		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m)	0	25		
Barium	ppm	ASTM D5185(m)	0	0		
Nolybdenum	ppm	ASTM D5185(m)	64	132		
Manganese	ppm	ASTM D5185(m)	0	<1		
Magnesium	ppm	ASTM D5185(m)	1160	383		
Calcium	ppm	ASTM D5185(m)	820	1208		
Phosphorus	ppm	ASTM D5185(m)	1160	578		
Zinc	ppm	ASTM D5185(m)		688		
Sulfur	ppm	ASTM D5185(m)	3000	1493		
_ithium	ppm	ASTM D5185(m)		<1		
CONTAMINAN		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	>30	17		
Sodium	ppm	ASTM D5185(m)	>400	5		
Potassium	ppm	ASTM D5185(m)	>20	2		
-uel	%	ASTM D7593*	>4.0	0.9		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	ASTM D7844*		0		
Nitration	Abs/cm	ASTM D7624*	>20	8.7		
Sulfation	Abs/.1mm	ASTM D7415*	>30	20.2		



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CALA ISO 17025:2017 Accredited Laboratory

Laboratory Sample No.

Lab Number : 02641072 Unique Number : 5798611

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 550 - Rocky View County : GFL0117286 Received : 11 Jun 2024

Tested : 13 Jun 2024 Diagnosed

: 13 Jun 2024 - Kevin Marson Test Package : MOB 2 (Additional Tests: FuelDilution, PercentFuel)

CA T1X 1X1 Contact: GFL Calgary calgarymaintenance@gflenv.com

To discuss this sample report, contact Customer Service at 1-800-268-2131. Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

Contact/Location: GFL Calgary - GFL550

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