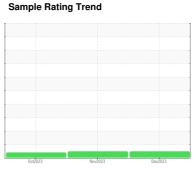


OIL ANALYSIS REPORT



NORMAL



Machine Id **433004**

Component

Natural Gas Engine

PETRO CANADA DURON SHP 15W40 (--- 0

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

Fluid Condition

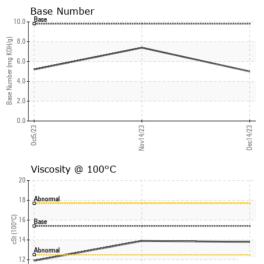
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

iAL)						
SAMPLE INFOR	RMATION		limit/base	Novžoz3 Docžo	** history1	history2
Sample Number	IWATION	Client Info	mmobasc	GFL0092110	GFL0091994	GFL0084660
Sample Number		Client Info		14 Dec 2023	14 Nov 2023	05 Oct 2023
Machine Age	hrs	Client Info		14 Dec 2023	903	05 Oct 2025
Oil Age	hrs	Client Info		600	903	0
Oil Changed	1115	Client Info		Changed	Not Changd	Changed
Sample Status		Ciletit IIIIO		NORMAL	NORMAL	ATTENTION
·	TION		11 11 11			
CONTAMINA	HON	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG	NEG	NEG
WEAR METAI	LS	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>50	8	7	22
Chromium	ppm	ASTM D5185m	>4	<1	<1	<1
Nickel	ppm	ASTM D5185m	>2	0	0	1
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	1	2	3
Lead	ppm	ASTM D5185m	>30	2	0	3
Copper	ppm	ASTM D5185m	>35	4	1	10
Γin	ppm	ASTM D5185m	>4	<1	<1	2
Vanadium	ppm	ASTM D5185m		<1	0	<1
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	10	14	13
Barium	ppm	ASTM D5185m	0	0	<1	5
Molybdenum	ppm	ASTM D5185m	60	51	48	51
Manganese	ppm	ASTM D5185m	0	<1	1	4
Magnesium	ppm	ASTM D5185m	1010	567	604	790
Calcium	ppm	ASTM D5185m	1070	1447	1436	1153
Phosphorus	ppm	ASTM D5185m	1150	662	803	640
Zinc	ppm	ASTM D5185m	1270	931	910	883
Sulfur	ppm	ASTM D5185m	2060	2330	2266	2242
CONTAMINA	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>+100	22	23	93
Sodium	ppm	ASTM D5185m		3	0	5
Potassium	ppm	ASTM D5185m	>20	2	2	11
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0	0	0
Vitration	Abs/cm	*ASTM D7624	>20	10.3	9.0	10.8
Sulfation	Abs/.1mm	*ASTM D7415		20.8	20.1	21.5
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	18.1	17.2	19.4
Page Number (PNI)		ACTM DOOG	0.0	E 0	7.4	E O

Base Number (BN) mg KOH/g ASTM D2896 9.8 5.0



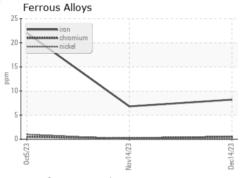
OIL ANALYSIS REPORT

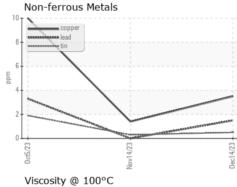


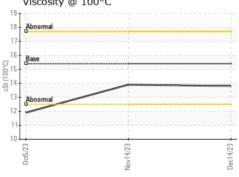
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	LIGHT	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG
ELLUD DDODE						

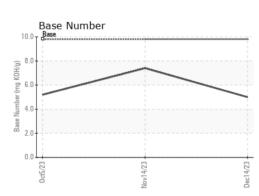
FLUID PROPI	ERIIES	memoa			riistory i	HIStory
Visc @ 100°C	cSt	ASTM D445	15.4	13.8	13.9	11.9

GRAPHS













Certificate L2367

Laboratory Sample No. Lab Number Unique Number : 10795106 Test Package : FLEET

: GFL0092110 : 06039877

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Recieved : 19 Dec 2023 Diagnosed

: 21 Dec 2023 Diagnostician : Don Baldridge

GFL Environmental - 856 - Houston South 8515 Highway 6 South

Houston, TX US 77083

Contact: Gino Griego

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)

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F: