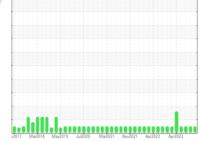


OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL





	,		52017 Mar20	18 May2019 Jul2020	Mar2021 Nov2021 Apr2022 /	kpr2023	
	SAMPLE INFORM	ATION	method	limit/base	current	history1	history2
	Sample Number		Client Info		PCA0113425	PCA0095864	PCA0101734
val to monitor.	Sample Date		Client Info		13 Feb 2024	23 Oct 2023	07 Aug 2023
	Machine Age	hrs	Client Info		1891	1324	757
nal.	Oil Age	hrs	Client Info		567	651	651
	Oil Changed		Client Info		Changed	Changed	Changed
mination in the	Sample Status				NORMAL	NORMAL	NORMAL
	CONTAMINATIO	NC	method	limit/base	current	history1	history2
s suitable	Fuel		WC Method	>3.0	<1.0	0.3	<1.0
condition of the	Water		WC Method	>0.2	NEG	NEG	NEG
	Glycol		WC Method		NEG	NEG	NEG
	WEAR METALS		method	limit/base	current	history1	history2
	Iron	ppm	ASTM D5185m	>165	32	24	19
	Chromium	ppm	ASTM D5185m	>5	1	<1	<1
	Nickel	ppm	ASTM D5185m	>4	0	<1	0
	Titanium	ppm	ASTM D5185m	>2	0	<1	0
	Silver	ppm	ASTM D5185m	>2	<1	0	<1
		ppm	ASTM D5185m	>20	3	2	1
		ppm		>150	6	12	16
		ppm	ASTM D5185m		4	8	5
		ppm		>5	1	1	1
		ppm	ASTM D5185m		0	0	0
		ppm	ASTM D5185m		0	<1	0
	ADDITIVES		method	limit/base	current	history1	history2
		ppm	ASTM D5185m	0	11	10	18
		ppm	ASTM D5185m	0	0	3	0
		ppm	ASTM D5185m	60	73	89	76
		ppm	ASTM D5185m		<1	0	<1
		ppm	ASTM D5185m	1010	858	810	878
		ppm	ASTM D5185m	1070	1163	1215	1228
		ppm	ASTM D5185m	1150	987	1014	1018
		ppm	ASTM D5185m	1270	1193	1190	1245
		ppm	ASTM D5185m	2060	2978	2909	3561
	CONTAMINANT		method	limit/base		history1	history2
		ppm	ASTM D5185m	>35	14	20	31
		ppm	ASTM D5185m		20	21	19
		ppm	ASTM D5185m	>20	20	26	14
	INFRA-RED		method	limit/base	current	history1	history2
		%	*ASTM D7844	>7.5	0.7	0.6	0.7
		Abs/cm	*ASTM D7624		10.2	10.5	10.1
		Abs/.1mm	*ASTM D7415		21.3	21.8	21.2
	FLUID DEGRAD	ATI <u>ON</u>	method	limit/base	current	history1	history2
		Abs/.1mm	*ASTM D7414	>25	17.0	17.5	16.7
	Base Number (BN)	mg KOH/g	ASTM D2896	9.0	6.4	6.3	6.5

Area (MB9196) Machine Id 2507 Component

Diesel Engine

PETRO CANADA DURON SHP 15W40 (10 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

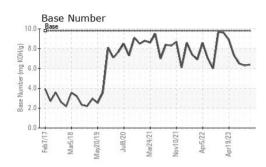
There is no indication of any contamination in the oil.

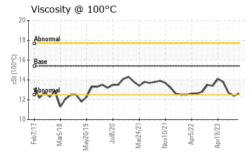
Fluid Condition

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



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	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	12.6	12.4	12.7
GRAPHS						

Ferrous Alloys

90

19

18 17

16 cSt (100°C)

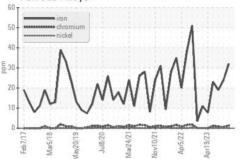
> 1 10

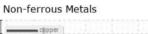
> > Feb7/17

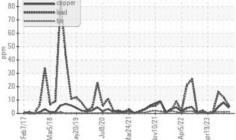
: PCA0113425

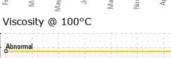
Mar5/18

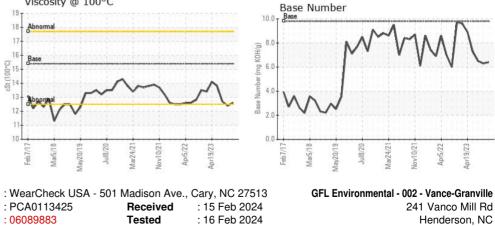
Mav/20/19 Jul8/20











: 16 Feb 2024 - Wes Davis

Test Package : FLEET Contact: Cameron King Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. cameron.king@gflenv.com * - 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)

Tested

Diagnosed

Aar24/21 Vov10/21

Laboratory

Sample No.

Lab Number : 06089883

Unique Number : 10882736

Submitted By: Cameron King

Page 2 of 2

US 27537

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