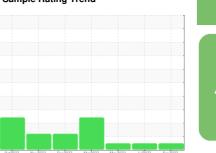


OIL ANALYSIS REPORT

Sample Rating Trend







Machine 913 Compor Diese Fluid PETR

Machine Id 913034 Component Diesel Engine Fluid

PETRO CANADA DURON SHP 15W40 (11 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

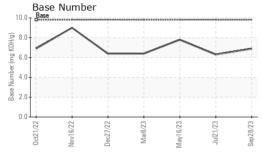
Fluid Condition

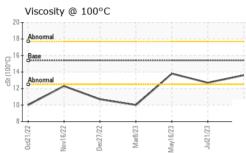
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

CAMPLE INFOR	MATION	and the section	11		la talla mond	h'-1 O
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0083650	GFL0083647	GFL0083608
Sample Date		Client Info		28 Sep 2023	21 Jul 2023	16 May 2023
Machine Age	hrs	Client Info		1170	561	2319
Oil Age	hrs	Client Info		526	652	2319
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	<1.0	0.2
Glycol		WC Method		NEG	NEG	NEG
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>120	10	13	11
Chromium	ppm	ASTM D5185m	>20	<1	<1	<1
Nickel	ppm	ASTM D5185m	>5	1	<1	4
Titanium	ppm	ASTM D5185m	>2	<1	0	0
Silver	ppm	ASTM D5185m	>2	0	<1	<1
Aluminum	ppm	ASTM D5185m	>20	1	1	1
Lead	ppm	ASTM D5185m	>40	<1	0	<1
Copper	ppm	ASTM D5185m	>330	2	2	2
Tin	ppm	ASTM D5185m	>15	<1	<1	1
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	2	6	41
Barium	ppm	ASTM D5185m	0	0	2	0
Molybdenum	ppm	ASTM D5185m	60	65	67	63
Manganese	ppm	ASTM D5185m	0	<1	<1	<1
Magnesium	ppm	ASTM D5185m	1010	927	900	527
Calcium	ppm	ASTM D5185m	1070	1045	1159	1679
Phosphorus	ppm	ASTM D5185m	1150	973	1024	1050
Zinc	ppm	ASTM D5185m	1270	1227	1270	1337
Sulfur	ppm	ASTM D5185m	2060	2834	3404	3924
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	4	4	9
Sodium	ppm	ASTM D5185m		3	4	2
Potassium	ppm	ASTM D5185m	>20	1	0	1
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>4	0.5	0.5	0.5
Nitration	Abs/cm	*ASTM D7624	>20	8.5	8.1	7.9
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.8	19.2	21.1
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
FLUID DEGRAD			limit/base			
	Abs/.1mm	method *ASTM D7414 ASTM D2896	>25	current 16.2 6.9	history1 14.9 6.3	history2 16.5 7.8



OIL ANALYSIS REPORT

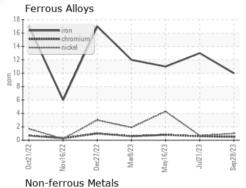


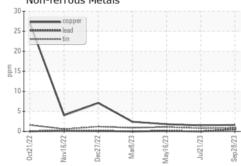


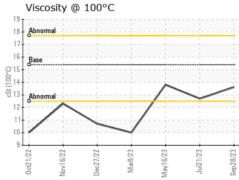
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	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

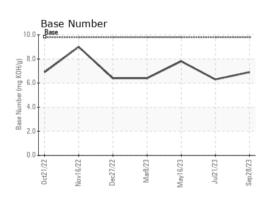
FLUID PROPERTIES		method				history2
Visc @ 100°C	cSt	ASTM D445	15.4	13.6	12.7	13.8

GRAPHS













Certificate L2367

Laboratory Sample No.

Lab Number **Unique Number** Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0083650 : 05966001

Received Diagnosed : 10672552

: 02 Oct 2023 : 02 Oct 2023 Diagnostician : Wes Davis

GFL Environmental - 095 - Atlanta West 2699 Cochran Industrial Blvd

Douglasville, GA US 30127-1332 Contact: Darrell Welch darrell.welch@gflenv.com T: (800)207-6618

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)