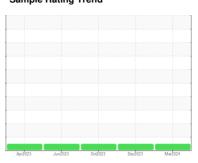


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id **421040-455**

Diesel Engine

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

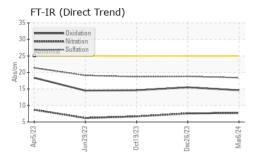
Fluid Condition

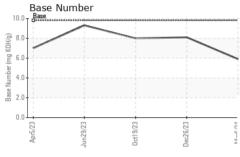
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

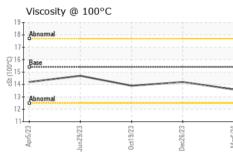
GAL)		Apr2023	Jun2023	Oct2023 Dec2023	Mar2024					
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2				
Sample Number		Client Info		GFL0108549	GFL0066153	GFL0066148				
Sample Date		Client Info		06 Mar 2024	26 Dec 2023	19 Oct 2023				
Machine Age	hrs	Client Info		8533	7958	7454				
Oil Age	hrs	Client Info		600	600	500				
Oil Changed		Client Info		Changed	Changed	Changed				
Sample Status				NORMAL	NORMAL	NORMAL				
CONTAMINATION	NC	method	limit/base	current	history1	history2				
Fuel		WC Method	>5	<1.0	<1.0	<1.0				
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	>80	18	6	<1				
Chromium	ppm	ASTM D5185m	>5	1	<1	1				
Nickel	ppm	ASTM D5185m	>2	<1	0	0				
	ppm	ASTM D5185m		<1	0	0				
	ppm	ASTM D5185m	>3	<1	0	0				
	ppm	ASTM D5185m		3	2	2				
	ppm	ASTM D5185m	>30	1	0	0				
	ppm	ASTM D5185m		1	4	0				
	ppm	ASTM D5185m	>5	1	<1	0				
	ppm	ASTM D5185m		<1	<1	0				
	ppm	ASTM D5185m		<1	0	0				
ADDITIVES		method	limit/base	current	history1	history2				
	ppm	ASTM D5185m	0	4	3	0				
	ppm	ASTM D5185m		0	0	4				
	ppm	ASTM D5185m	60	62	63	58				
	ppm	ASTM D5185m		<1	<1	0				
_	ppm	ASTM D5185m	1010	926	1020	898				
	ppm	ASTM D5185m	1070	1123 1044	1052	1039				
Phosphorus Zinc	ppm	ASTM D5185m	1150		1067 1283	979 1164				
	ppm ppm	ASTM D5185m ASTM D5185m	1270 2060	1237 3202	2979	3215				
CONTAMINANT		method	limit/base	current	history1	history2				
			>20	5	3	0				
	ppm ppm	ASTM D5185m	>20	4	2	0				
_	ppm	ASTM D5185m	>20	5	4	0				
INFRA-RED		method	limit/base	current	history1	history2				
	%	*ASTM D7844	>3	0.3	0.3	0.3				
	Abs/cm	*ASTM D7624	>20	7.7	7.6	6.7				
	Abs/.1mm	*ASTM D7415		18.4	18.8	18.7				
FLUID DEGRADATION method limit/base current history1 history2										
Oxidation	Abs/.1mm	*ASTM D7414	>25	14.6	15.5	14.6				
	mg KOH/g	ASTM D2896	9.8	5.9	8.1	8.0				
()	0									

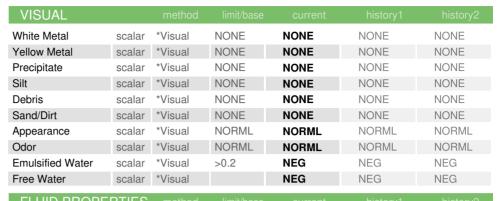


OIL ANALYSIS REPORT



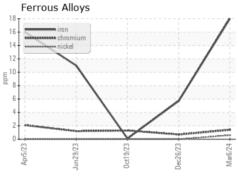


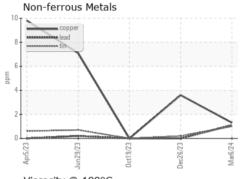


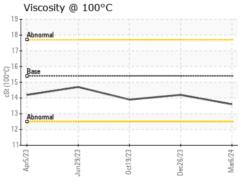


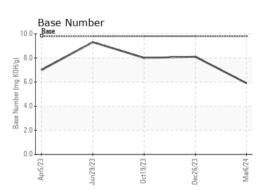
FLUID PROP	EHILO	method			riistory i	nistoryz
Visc @ 100°C	cSt	ASTM D445	15.4	13.6	14.2	13.9

GRAPHS













Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0108549 Lab Number : 06153975 Unique Number : 10989398

Received : 19 Apr 2024 **Tested** Diagnosed

: 22 Apr 2024 : 22 Apr 2024 - Wes Davis

GFL Environmental - 904A - Thorpe

N14985 Tieman Ave Thorp, WI US 54771

Contact: Andy Kane akane@gflenv.com T: (715)202-3420

Test Package : FLEET Certificate 12367

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)