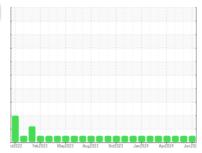


OIL ANALYSIS REPORT

Sample Rating Trend









Machine Id
413048
Component
Diesel Engine
Fluid

PETRO CANADA DURON SHP 15W40 (--- QTS)

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

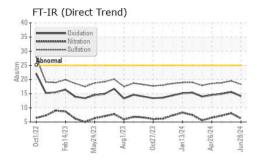
Fluid Condition

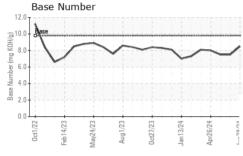
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

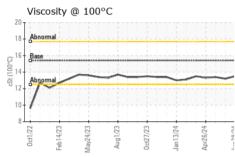
SAMPLE INFOR	RMATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0111430	GFL0111416	GFL011147
Sample Date		Client Info		28 Jun 2024	05 Jun 2024	20 May 2024
Machine Age	hrs	Client Info		3100	2951	2808
Oil Age	hrs	Client Info		149	484	341
Oil Changed		Client Info		Not Changd	Changed	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT	ΓΙΟΝ	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METAL	_S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>120	3	8	4
Chromium	ppm	ASTM D5185m	>20	<1	<1	0
Nickel	ppm	ASTM D5185m	>5	<1	2	0
Titanium	ppm	ASTM D5185m	>2	0	<1	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>20	2	2	0
_ead	ppm	ASTM D5185m	>40	0	0	0
Copper	ppm	ASTM D5185m	>330	<1	2	<1
Γin	ppm	ASTM D5185m	>15	0	<1	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	<1	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	3	2	0
Barium	ppm	ASTM D5185m	0	0	0	0
Molybdenum	ppm	ASTM D5185m	60	54	59	59
Manganese	ppm	ASTM D5185m	0	0	<1	0
Magnesium	ppm	ASTM D5185m	1010	887	912	983
Calcium	ppm	ASTM D5185m	1070	997	1027	1108
Phosphorus	ppm	ASTM D5185m	1150	1019	925	1071
Zinc	ppm	ASTM D5185m	1270	1201	1182	1296
Sulfur	ppm	ASTM D5185m	2060	2883	3079	3526
CONTAMINAN	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	5	4	3
Sodium	ppm	ASTM D5185m		2	2	1
Potassium	ppm	ASTM D5185m	>20	2	7	1
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>4	0.2	0.3	0.2
Vitration	Abs/cm	*ASTM D7624	>20	6.2	8.1	7.2
Sulfation	Abs/.1mm	*ASTM D7415	>30	18.3	19.5	18.8
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
		*AOTM D7444			45.0	1.1.0
Oxidation	Abs/.1mm	*ASTM D7414	>25	14.1	15.6	14.9

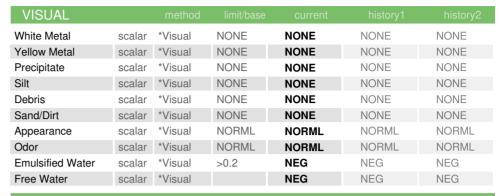


OIL ANALYSIS REPORT



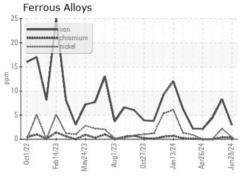


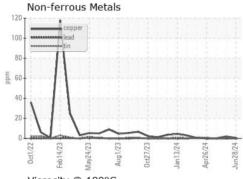


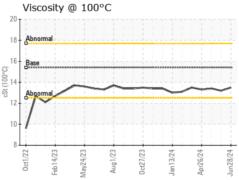


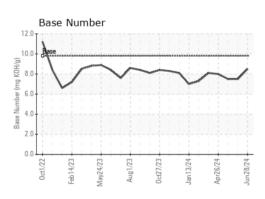
FLUID PROPE	ERTIES	method				history2
Visc @ 100°C	cSt	ASTM D445	15.4	13.5	13.2	13.4

GRAPHS













Certificate 12367

Test Package : FLEET

Laboratory Sample No.

: GFL0111430 Lab Number : 06227087 Unique Number : 11110580

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 03 Jul 2024 **Tested** : 05 Jul 2024

Diagnosed : 05 Jul 2024 - Wes Davis

GFL Environmental - 073 - Warner Robins - Transwaste

155 Story Road Warner Robins, GA US 31093

Contact: JOSH MALONEY jmaloney@gflenv.com

To discuss this sample report, contact Customer Service at 1-800-237-1369. st - 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)

T:

F: