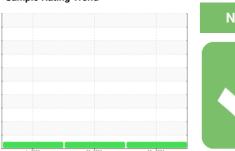


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

422103 KENWORTH T880

Diesel Engine

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

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

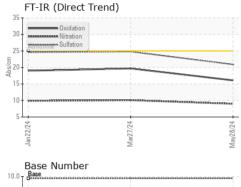
Fluid Condition

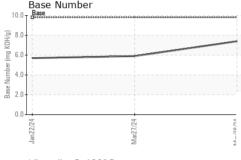
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

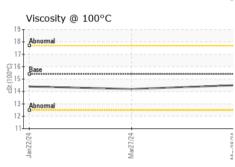
JAL)		Ja	n2024	Mar2024 May20	124	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		GFL0110976	GFL0102223	GFL0061421
Sample Date		Client Info		28 May 2024	27 Mar 2024	22 Jan 2024
Machine Age	hrs	Client Info		6432	6115	5722
Oil Age	hrs	Client Info		61	36	600
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT	TION	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 METAL	_S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	6	14	14
Chromium	ppm	ASTM D5185m	>20	0	<1	1
Nickel	ppm	ASTM D5185m	>4	0	<1	<1
Titanium	ppm	ASTM D5185m		87	90	86
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>20	2	4	4
Lead	ppm	ASTM D5185m	>40	0	2	2
Copper	ppm	ASTM D5185m	>330	0	<1	<1
Tin	ppm	ASTM D5185m	>15	<1	1	1
Vanadium	ppm	ASTM D5185m		<1	1	1
Cadmium	ppm	ASTM D5185m		0	<1	<1
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	108	59	42
Barium	ppm	ASTM D5185m	0	0	<1	0
Molybdenum	ppm	ASTM D5185m	60	1	6	3
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	1010	426	414	405
Calcium	ppm	ASTM D5185m	1070	1705	1766	1631
Phosphorus	ppm	ASTM D5185m	1150	1002	984	906
Zinc	ppm	ASTM D5185m	1270	1198	1184	1180
Sulfur	ppm	ASTM D5185m	2060	4143	3558	3593
CONTAMINAN	NTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	6	7	7
Sodium	ppm	ASTM D5185m		3	5	8
Potassium	ppm	ASTM D5185m	>20	4	11	10
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.3	0.5	0.4
Nitration	Abs/cm	*ASTM D7624	>20	9.0	10.1	9.9
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.9	24.8	24.6
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	16.1	19.7	19.0
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	7.4	5.9	5.7

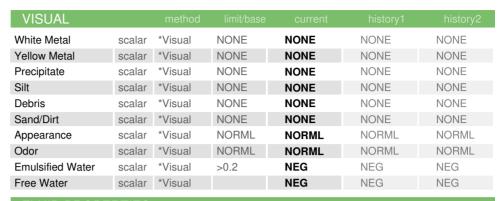


OIL ANALYSIS REPORT



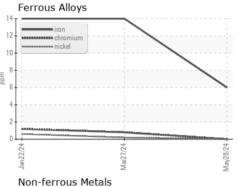


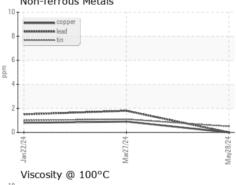


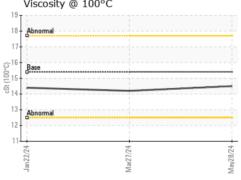


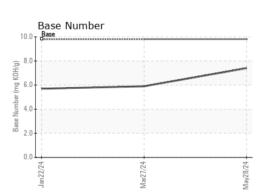
FLUID PROP	ERHES	method			history1	history2
Visc @ 100°C	cSt	ASTM D445	15.4	14.5	14.2	14.4

GRAPHS













Certificate 12367

Laboratory Sample No.

: GFL0110976 Lab Number : 06196476 Unique Number : 11058599

Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 31 May 2024

Tested : 03 Jun 2024

Diagnosed : 03 Jun 2024 - Don Baldridge

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)

GFL Environmental - 642B- MCM Disposal

10450 Pease Ave Byron Center, MI US 49315 Contact: Chad Arp carp@gflenv.com

T: (616)915-7901