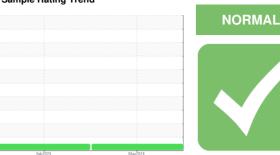


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

529060 KENWORTH T880

Diesel Engine

PETRO CANADA DURON SHP 15W40 (--- 0

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

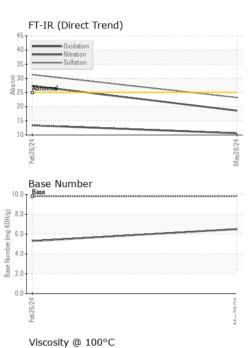
Fluid Condition

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

iAL)			Feb 2024	May2024		
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
	IVIATION		IIIIIIIIIIII			HISTOTYZ
Sample Number		Client Info		GFL0110975	GFL0110983	
Sample Date		Client Info		28 May 2024	26 Feb 2024	
Machine Age	hrs	Client Info		12549	12190	
Oil Age	hrs	Client Info		90	172	
Oil Changed		Client Info		Changed	Not Changd	
Sample Status				NORMAL	NORMAL	
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0	<1.0	
Nater		WC Method	>0.2	NEG	NEG	
Glycol		WC Method		NEG	NEG	
WEAR METAL	.S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>100	29	86	
Chromium	ppm	ASTM D5185m	>20	<1	2	
Nickel	ppm	ASTM D5185m	>4	0	0	
Titanium	ppm	ASTM D5185m		88	75	
Silver	ppm	ASTM D5185m	>3	0	0	
Aluminum	ppm	ASTM D5185m	>20	3	7	
_ead	ppm	ASTM D5185m	>40	<1	7	
Copper	ppm	ASTM D5185m	>330	<1	1	
Γin	ppm	ASTM D5185m	>15	<1	<1	
/anadium	ppm	ASTM D5185m		<1	<1	
Cadmium	ppm	ASTM D5185m		0	0	
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	85	43	
Barium	ppm	ASTM D5185m	0	0	0	
Molybdenum	ppm	ASTM D5185m	60	2	6	
Manganese	ppm	ASTM D5185m	0	<1	1	
Magnesium	ppm	ASTM D5185m	1010	428	464	
Calcium	ppm	ASTM D5185m	1070	1708	1738	
Phosphorus	ppm	ASTM D5185m	1150	1013	1015	
Zinc	ppm	ASTM D5185m	1270	1197	1257	
Sulfur	ppm	ASTM D5185m	2060	4059	3466	
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	7	13	
Sodium	ppm	ASTM D5185m		4	6	
Potassium	ppm	ASTM D5185m	>20	2	5	
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.4	1	
Nitration	Abs/cm	*ASTM D7624	>20	10.6	13.4	
Sulfation	Abs/.1mm	*ASTM D7415	>30	23.2	▲ 31.3	
FLUID DEGRAI	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	18.6	△ 27.3	
Base Number (BN)	mg KOH/g	ASTM D2896		6.5	5.3	
Dase Mulliber (DIN)	my Non/g	AOTIVI DZ030	3.0	0.0	0.0	



OIL ANALYSIS REPORT

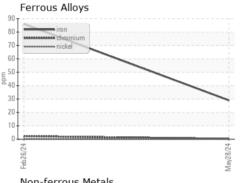


VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Precipitate	scalar	*Visual	NONE	NONE	NONE	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	
Free Water	scalar	*Visual		NEG	NEG	
	DTIES	mothod	limit/baca	current	history1	history?

14.2

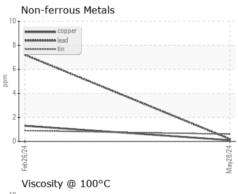
15.2

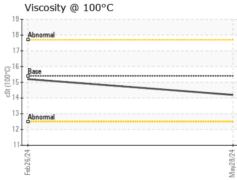
Visc @ 100°C **GRAPHS**

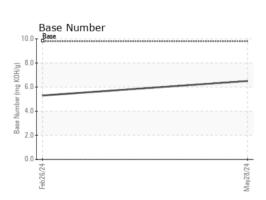


cSt

ASTM D445 15.4











Certificate 12367

Laboratory Sample No.

: GFL0110975 Lab Number : 06196483

Unique Number : 11058606 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. * - 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