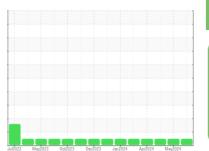


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

PETERBILT 820050

Component

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

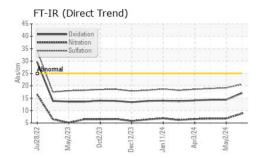
Fluid Condition

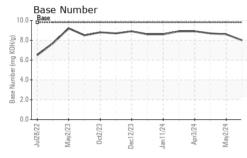
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

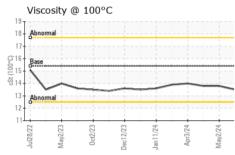
GAL) Judoz2 Maydoz3 Oct2023 Oct2023 Jacdoz4 Apriloz4 Maydoz4									
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2			
Sample Number		Client Info		GFL0116592	GFL0116538	GFL0116564			
Sample Date		Client Info		21 May 2024	02 May 2024	10 Apr 2024			
Machine Age	hrs	Client Info		8665	8480	8325			
Oil Age	hrs	Client Info		8665	8480	8325			
Oil Changed		Client Info		Changed	Not Changd	Not Changd			
Sample Status				NORMAL	NORMAL	NORMAL			
CONTAMINAT	ION	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	>110	31	13	10			
Chromium	ppm	ASTM D5185m	>4	2	<1	<1			
Nickel	ppm	ASTM D5185m	>2	1	0	<1			
Titanium	ppm	ASTM D5185m		<1	0	<1			
Silver	ppm	ASTM D5185m	>2	<1	0	0			
Aluminum	ppm	ASTM D5185m		5	3	3			
Lead	ppm	ASTM D5185m	>45	<1	0	1			
Copper	ppm	ASTM D5185m		2	<1	<1			
Tin	ppm	ASTM D5185m	>4	1	0	1			
Vanadium	ppm	ASTM D5185m		<1	0	<1			
Cadmium	ppm	ASTM D5185m		<1	0	<1			
ADDITIVES		method	limit/base	current	history1	history2			
Boron	ppm	ASTM D5185m	0	21	29	11			
Barium	ppm	ASTM D5185m		0	0	0			
Molybdenum	ppm	ASTM D5185m	60	68	63	60			
Manganese	ppm	ASTM D5185m		<1	<1	<1			
Magnesium	ppm	ASTM D5185m	1010	964	897	887			
Calcium	ppm	ASTM D5185m	1070	1268	1155	1194			
Phosphorus	ppm	ASTM D5185m	1150	1082	1054 1263	998 1173			
Zinc Sulfur	ppm	ASTM D5185m ASTM D5185m	1270 2060	1337 3394	3581	3420			
CONTAMINAN		method	limit/base	current	history1	history2			
Silicon	ppm	ASTM D5185m	>30	17	12	6			
Sodium	ppm	ASTM D5185m		7	4	5			
Potassium	ppm	ASTM D5185m	>20	19	11	14			
INFRA-RED		method	limit/base	current	history1	history2			
Soot %	%	*ASTM D7844	>3	0.7	0.5	0.4			
Nitration	Abs/cm	*ASTM D7624	>20	8.8	6.8	6.8			
Sulfation	Abs/.1mm	*ASTM D7415		20.6	19.2	18.9			
FLUID DEGRADATION method limit/base current history1 history2									
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.1	14.4	14.4			
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	8.0	8.6	8.7			
()	0 - 0								

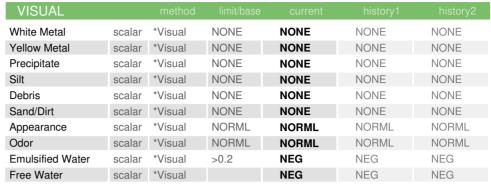


OIL ANALYSIS REPORT



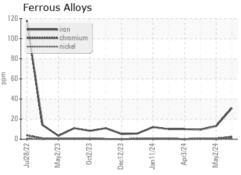


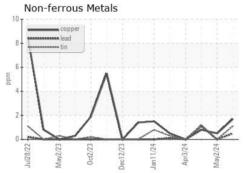


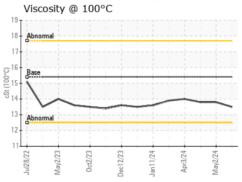


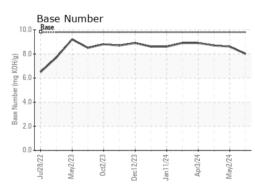
	FLUID PROP	ERHES	method				history2
,	Visc @ 100°C	cSt	ASTM D445	15.4	13.5	13.8	13.8

GRAPHS













Certificate 12367

Laboratory Sample No.

Lab Number : 06189911 Unique Number : 11046663 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : GFL0116592

Received : 23 May 2024 **Tested** Diagnosed

: 25 May 2024 : 29 May 2024 - Sean Felton

GFL Environmental - 652 - Fredericksburg Hauling

10954 Houser Drive Fredericksburg, VA US 22408

Contact: WILLIAM MILO wmilo@gflenv.com T:

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)

F: