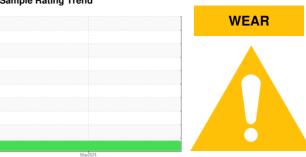


OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

426178 KENWORTH T800

Diesel Engine

PETRO CANADA DURON SHP 15W40 (--- G

DIAGNOSIS

Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. We recommend an early resample to monitor this condition.

The iron level is abnormal for time on oil. Cylinder, crank, or cam shaft wear is indicated.

Contamination

There is no indication of any contamination in the

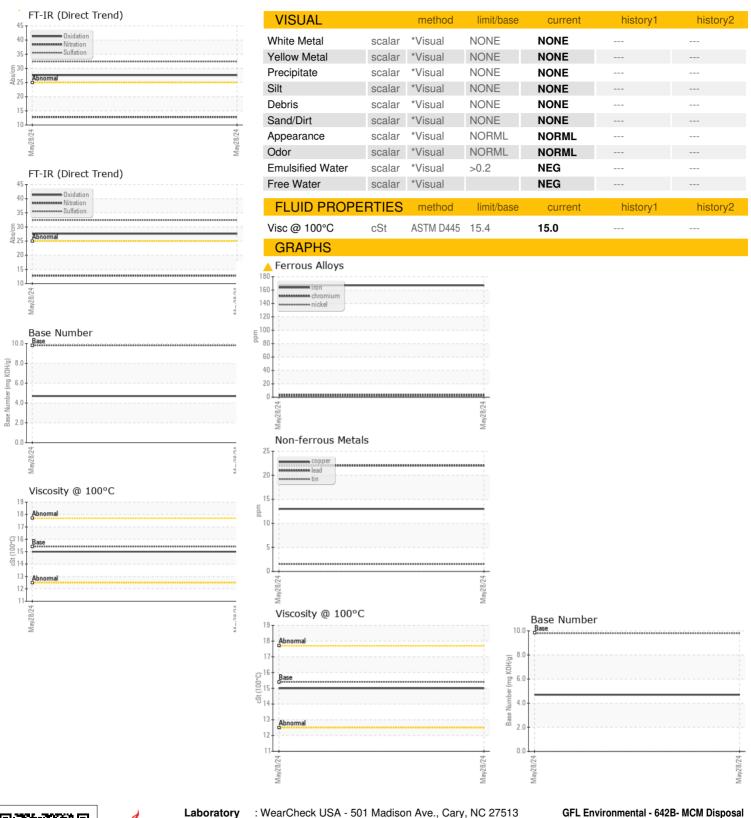
Fluid Condition

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

AL)			May/2024			
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
			IIIIIIVDase			,
Sample Number		Client Info		GFL0115215		
Sample Date	hvo	Client Info		28 May 2024		
Machine Age	hrs	Client Info		3516 14		
Oil Age	1115	Client Info				
Oil Changed		Cilent inio		Changed ABNORMAL		
Sample Status	1011					
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>5	<1.0		
Nater		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>100	167		
Chromium	ppm	ASTM D5185m	>20	3		
Nickel	ppm	ASTM D5185m	>4	<1		
Γitanium	ppm	ASTM D5185m		89		
Silver	ppm	ASTM D5185m	>3	0		
Aluminum	ppm	ASTM D5185m	>20	2		
ead	ppm	ASTM D5185m	>40	22		
Copper	ppm	ASTM D5185m	>330	13		
- in	ppm	ASTM D5185m	>15	2		
/anadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	43		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	60	5		
Manganese	ppm	ASTM D5185m	0	2		
Magnesium	ppm	ASTM D5185m	1010	459		
Calcium	ppm	ASTM D5185m	1070	1891		
Phosphorus	ppm	ASTM D5185m	1150	1072		
Zinc	ppm	ASTM D5185m	1270	1306		
Sulfur	ppm	ASTM D5185m		4031		
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	8		
Sodium	ppm	ASTM D5185m		4		
Potassium	ppm	ASTM D5185m	>20	3		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	1.8		
Nitration	Abs/cm	*ASTM D7624	>20	12.8		
Sulfation	Abs/.1mm	*ASTM D7415	>30	32.4		
FLUID DEGRAI	OATION	method	limit/base	current	history1	history2
	Abs/.1mm	*ASTM D7414				
Oxidation			>25	27.6		
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	4.7		



OIL ANALYSIS REPORT







Certificate 12367

Sample No.

Laboratory : GFL0115215 Lab Number : 06196474

Unique Number : 11058597 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)

Report Id: GFL642B [WUSCAR] 06196474 (Generated: 06/03/2024 13:59:12) Rev: 1

10450 Pease Ave

Byron Center, MI

Contact: Chad Arp

carp@gflenv.com

T: (616)915-7901

US 49315