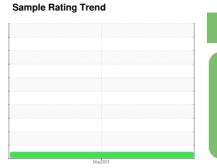


OIL ANALYSIS REPORT

[WO36045] **PETERBILT TRK 230**

Diesel Engine

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





Recommendation

Resample at the next service interval to monitor.

Metal levels are typical for a new component breaking in.

Contamination

There is no indication of any contamination in the

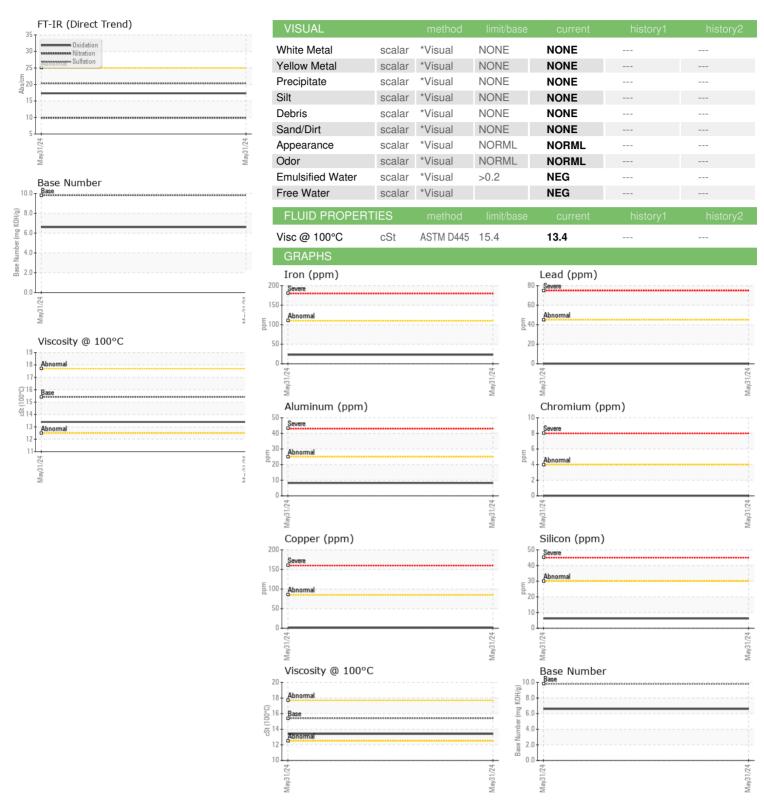
Fluid Condition

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

AL)				May2024		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0903650		
Sample Date		Client Info		31 May 2024		
Machine Age	mls	Client Info		38639		
Oil Age	mls	Client Info		21662		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
-uel		WC Method	>5	<1.0		
Nater		WC Method	>0.2	NEG		
Glycol		WC Method		NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>110	23		
Chromium	ppm	ASTM D5185m	>4	0		
Nickel	ppm	ASTM D5185m	>2	0		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m	>25	8		
_ead	ppm	ASTM D5185m	>45	0		
Copper	ppm	ASTM D5185m	>85	2		
Γin	ppm	ASTM D5185m	>4	0		
√anadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	7		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	60	59		
Manganese	ppm	ASTM D5185m	0	<1		
Magnesium	ppm	ASTM D5185m	1010	850		
Calcium	ppm	ASTM D5185m	1070	1193		
Phosphorus	ppm	ASTM D5185m	1150	974		
Zinc	ppm	ASTM D5185m	1270	1165		
Sulfur	ppm	ASTM D5185m	2060	3336		
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>30	6		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	21		
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.4		
Vitration	Abs/cm	*ASTM D7624	>20	9.9		
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.3		
FLUID DEGRADA	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.3		
Base Number (BN)	mg KOH/g	ASTM D2896	9.8	6.6		



OIL ANALYSIS REPORT







Certificate 12367

Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0903650 Lab Number : 06214290 Unique Number : 11087154

Received : 19 Jun 2024 **Tested** : 20 Jun 2024 Diagnosed

: 20 Jun 2024 - Wes Davis

Test Package : MOB 1 (Additional Tests: TBN) 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)

CAMPBELL OIL COMPANY PO BOX 637, 418 PEANUT ROAD ELIZABETHTOWN, NC

> US 28337 Contact: Cassie Priest

cassiep@campbelloilcompany.com

T: F: (910)862-4344