

# **OIL ANALYSIS REPORT**

Sample Rating Trend

**NORMAL** 



# WOLVO VNL 150 (S/N 4V4NC9EH4NN304334)

**Diesel Engine** 

PETRO CANADA DURON SHP 10W30 (--- 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

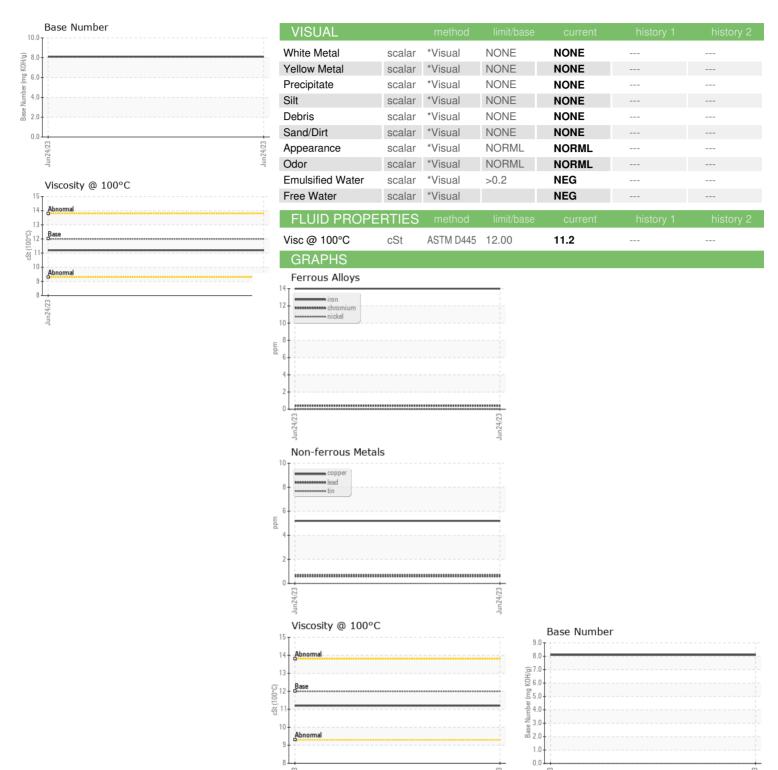
### **Fluid Condition**

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

GAL)				Jun 2023		
SAMPLE INFOR	MATION	method	limit/base	current	history 1	history 2
Sample Number		Client Info		PCA0097524		
Sample Date		Client Info		24 Jun 2023		
Machine Age	mls	Client Info		228000		
Oil Age	mls	Client Info		0		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history 1	history 2
Fuel		WC Method	>6.0	<1.0		
Glycol		WC Method		NEG		
WEAR METAL	S	method	limit/base	current	history 1	history 2
Iron	ppm	ASTM D5185m	>100	14		
Chromium	ppm		>20	<1		
Nickel	ppm	ASTM D5185m	>2	0		
Titanium	ppm	ASTM D5185m	<i></i>	0		
Silver		ASTM D5185m	>2	0		
Aluminum	ppm	ASTM D5185m		1		
Lead	ppm		>40	-		
	ppm	ASTM D5185m		<1 5		
Copper	ppm	ASTM D5185m				
Tin	ppm	ASTM D5185m	>15	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history 1	history 2
Boron	ppm	ASTM D5185m	2	<1		
Barium	ppm	ASTM D5185m	0	0		
Molybdenum	ppm	ASTM D5185m	50	63		
Manganese	ppm	ASTM D5185m	0	<1		
Magnesium	ppm	ASTM D5185m	950	968		
Calcium	ppm	ASTM D5185m	1050	1093		
Phosphorus	ppm	ASTM D5185m	995	1061		
Zinc	ppm	ASTM D5185m	1180	1293		
Sulfur	ppm	ASTM D5185m	2600	3441		
CONTAMINAN	ITS	method	limit/base	current	history 1	history 2
Silicon	ppm	ASTM D5185m	>25	4		
Sodium	ppm	ASTM D5185m		1		
Potassium	ppm	ASTM D5185m	>20	4		
INFRA-RED		method	limit/base	current	history 1	history 2
Soot %	%	*ASTM D7844	>3	0.3		
Nitration	Abs/cm	*ASTM D7624	>20	8.9		
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.0		
FLUID DEGRAI	DATION	method	limit/base	current	history 1	history 2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.0		
Base Number (BN)	mg KOH/g	ASTM D2896	-	8.1		
= 200 (DIV)	9 . (01 1/9			<u> </u>		



## **OIL ANALYSIS REPORT**







Certificate L2367

Laboratory Sample No. Lab Number Unique Number

: PCA0097524 : 05887348 : 10537831 Test Package : FLEET

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 29 Jun 2023 Diagnosed : 02 Jul 2023

: Wes Davis Diagnostician

To discuss this sample report, contact Customer Service at 1-800-237-1369.

**TVA REPAIR LLC** 13915 W ROUTE 30 PLAINFIELD, IL US 60544 Contact: JOSHUA HUBBARD

joshua@tvarepairllc.com T: (815)306-0330

\* - 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)

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