

OIL ANALYSIS REPORT

Sample Rating Trend

NORMAL



DIAGNOSIS Recommendation

Contamination

Fluid Condition

Wear

oil.

Machine Id **VOLVO L150 L150H Diesel Engine**

PETRO CANADA DURON HP 15W40 (50 QTS)

018	Jun202	1 0!	Dec2020	Jul20	21	Jun2	022	Jan2	023	Augz	023	Dec	2023
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Resample at the next service interval to monitor.

There is no indication of any contamination in the

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

All component wear rates are normal.

oil is suitable for further service.

SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0104503	PCA0109626	PCA0109612
Sample Date		Client Info		25 May 2024	19 Dec 2023	11 Dec 2023
Machine Age	hrs	Client Info		11620	10898	10737
Oil Age	hrs	Client Info		722	10562	0
Oil Changed		Client Info		Changed	Changed	N/A
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINAT	ION	method	limit/base	current	history1	history2
Fuel		WC Method	>6.0	<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	>100	2	0	0
Chromium	ppm	ASTM D5185m	>20	0	0	0
Nickel	ppm	ASTM D5185m	>2	0	0	0
Titanium	ppm	ASTM D5185m		2	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	<1	<1
Lead	ppm	ASTM D5185m	>40	0	1	0
Copper	ppm	ASTM D5185m	>330	<1	0	0
Tin	ppm	ASTM D5185m	>15	0	0	0
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		2	22	14
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		49	39	46
Manganese	ppm	ASTM D5185m		<1	<1	0
Magnesium	ppm	ASTM D5185m		764	561	754
Calcium	ppm	ASTM D5185m		1454	1459	1293
Phosphorus	ppm	ASTM D5185m		1061	930	986
Zinc	ppm	ASTM D5185m		1248	1117	1199
Sulfur	ppm	ASTM D5185m		3957	3252	3263
CONTAMINAN	ITS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	2	0	2
Sodium	ppm	ASTM D5185m		1	<1	0
Potassium	ppm	ASTM D5185m	>20	0	1	0
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	0.1	0	0.1
Nitration	Abs/cm	*ASTM D7624	>20	6.8	5.4	5.4
Sulfation	Abs/.1mm	*ASTM D7415	>30	17.8	16.0	16.5
FLUID DEGRA	DATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	12.8	10.9	11.9

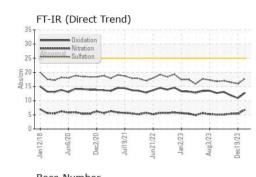


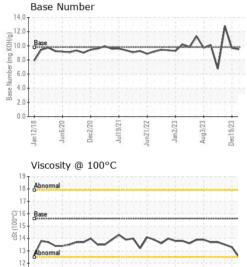
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OIL ANALYSIS REPORT





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Laboratory: WearCheck USA - 501 Madison Ave., Cary, NC 27513J F PlSample No.: PCA0104503Received: 06 Jun 2024611 PLEASANLab Number: 06201643Tested: 07 Jun 2024E WEYMOUTHUnique Number: 11063766Diagnosed: 07 Jun 2024 - Wes DavisUS 0Test Package: MOB 2Contact: JOHN L	T ST		

Jan2/23

- 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)

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Certificate L2367

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