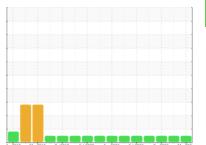


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id **FREIGHTLINER 1154**

Component

Diesel Engine

CHEVRON DELO 400 XLE 10W30 (40 LTR)

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.

		Jec2018 Ma	y2019 Oct2019 Feb20	20 Aug2022 Feb2023 Sep20	23 May202	
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0851783	WC0733160	WC0733127
Sample Date		Client Info		27 May 2024	23 Jan 2024	19 Sep 2023
Machine Age	kms	Client Info		975587	910641	848264
Oil Age	kms	Client Info		65000	65000	40000
Oil Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATIO	N	method	limit/base	current	history1	history2
Fuel		WC Method	>3.0	<1.0	<1.0	<1.0
Water		WC Method	>0.2	NEG	NEG	NEG
Glycol		WC Method		NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>65	21	20	12
Chromium	ppm	ASTM D5185m	>5	2	1	<1
Nickel	ppm	ASTM D5185m	>3	<1	0	0
Titanium	ppm	ASTM D5185m	>5	<1	<1	0
Silver	ppm	ASTM D5185m	>2	<1	0	0
Aluminum	ppm	ASTM D5185m	>35	7	11	3
Lead	ppm	ASTM D5185m	>10	<1	<1	0
Copper	ppm	ASTM D5185m	>180	4	3	3
Tin	ppm	ASTM D5185m	>8	1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		41	21	24
Barium	ppm	ASTM D5185m		2	0	0
Molybdenum	ppm	ASTM D5185m		4	<1	0
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		789	732	692
Calcium	ppm	ASTM D5185m	2900	1436	1289	1253
Phosphorus	ppm	ASTM D5185m	1100	858	707	671
Zinc	ppm	ASTM D5185m	1200	912	830	750
Sulfur	ppm	ASTM D5185m	4000	3319	2866	2515
CONTAMINANTS	5	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	6	6	4
Sodium	ppm	ASTM D5185m		4	2	0
Potassium	ppm	ASTM D5185m	>20	7	8	<1
INFRA-RED		method	limit/base		history1	history2
Soot %	%	*ASTM D7844	>3	0.5	0.6	0.5
Nitration	Abs/cm	*ASTM D7624		9.8	10.6	10.0
Sulfation	Abs/.1mm	*ASTM D7415	>30	23.6	24.7	22.9
FLUID DEGRADA	NOITA	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	19.4	19.3	18.7
Base Number (BN)	mg KOH/g	ASTM D2896	10.3	5.28	5.90	5.95



OIL ANALYSIS REPORT







Certificate 12367

Laboratory Sample No. Lab Number : 06196876 Unique Number : 11058999

: WC0851783 Test Package : MOB 2

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 31 May 2024

Tested : 03 Jun 2024 Diagnosed : 03 Jun 2024 - Sean Felton

Sep 19/23

4.0 2.0 0.0

> LYNDEN TRANSPORT - SPRUCE GROVE 27340 ACHESON RD, ACHESON INDUSTRIAL PARK

ACHESON, AB **CA T7X 6B1** Contact: Mathieu Carby

mcarby@lynden.com

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)

Report Id: LYNSPR [WUSCAR] 06196876 (Generated: 06/03/2024 16:07:27) Rev: 1

Contact/Location: Mathieu Carby - LYNSPR

T:

F: