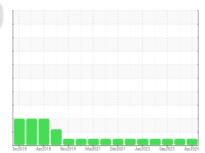


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id

FREIGHTLINER 1155

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

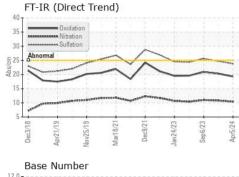
Fluid Condition

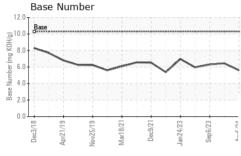
The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

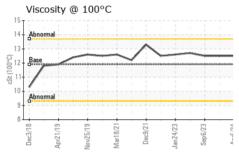
		Jec2018 Ap	r2019 Nov2019 Mar203	21 Dec2021 Jan2023 Sep2	023 Apr2024	
SAMPLE INFOR	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0851836	WC0733153	WC0733113
Sample Date		Client Info		05 Apr 2024	13 Dec 2023	06 Sep 2023
Machine Age	kms	Client Info		869164	808951	747205
Oil Age	kms	Client Info		65000	65000	65000
Oil Changed		Client Info		Changed	N/A	Changed
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATIC	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	14	23	22
Chromium	ppm	ASTM D5185m	>5	<1	1	2
Nickel	ppm	ASTM D5185m	>3	0	0	<1
Titanium	ppm	ASTM D5185m	>5	0	<1	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>35	5	5	5
Lead	ppm	ASTM D5185m	>10	0	0	0
Copper	ppm	ASTM D5185m	>180	2	3	1
Tin	ppm	ASTM D5185m	>8	0	0	<1
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		27	28	23
Barium	ppm	ASTM D5185m		0	6	0
Molybdenum	ppm	ASTM D5185m		<1	<1	0
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m		756	763	888
Calcium	ppm	ASTM D5185m	2900	1477	1369	1601
Phosphorus	ppm	ASTM D5185m	1100	719	823	825
Zinc	ppm	ASTM D5185m	1200	804	888	1004
Sulfur	ppm	ASTM D5185m	4000	3268	3359	3917
CONTAMINANT	S	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>15	7	6	5
Sodium	ppm	ASTM D5185m		4	2	<1
Potassium	ppm	ASTM D5185m	>20	2	5	6
INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>3	8.0	0.9	1
Nitration	Abs/cm	*ASTM D7624	>20	10.4	10.8	11.0
Sulfation	Abs/.1mm	*ASTM D7415	>30	23.8	24.7	25.6
FLUID DEGRAD	ATION	method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	19.3	20.3	20.9
Base Number (BN)	mg KOH/g	ASTM D2896	10.3	5.59	6.44	6.31



OIL ANALYSIS REPORT





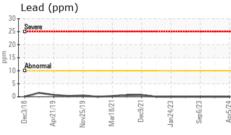


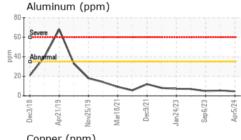
VISUAL		method	limit/base	current		history2
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG	NEG

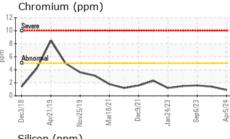
FLUID FROFER	THES	memou			HISTORY	HISTORYZ
Visc @ 100°C	cSt	ASTM D445	11.9	12.5	12.5	12.5

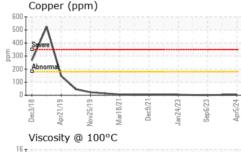
Seven	e						
Abno	rmal						
0							
	Alternative Contraction of the C						
			_				
				_		_	
18	18	19	12/	12/	23+	23	7 42
Dec3/18 - 1	Apr21/19	Nov25/19	Mar18/21/)ec9/21	Jan24/23 /	Sep6/23	Apr5/24

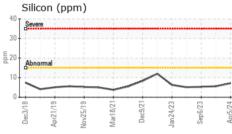
GRAPHS

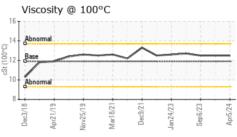


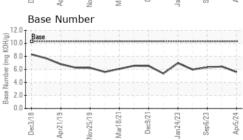
















Laboratory

Sample No. Unique Number : 10978985

: WC0851836 Lab Number : 06148907

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 15 Apr 2024 **Tested** : 16 Apr 2024 Diagnosed

: 17 Apr 2024 - Sean Felton

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

CA T7X 6B1 Contact: Mathieu Carby

mcarby@lynden.com

Test Package : MOB 2 Certificate 12367 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] 06148907 (Generated: 04/17/2024 14:04:02) Rev: 1

Contact/Location: Mathieu Carby - LYNSPR

T:

F: