

OIL ANALYSIS REPORT

SAMPLE INFORMATION method

Sample Rating Trend



Machine Id

FREIGHTLINER 1161

Diesel Engine Fluid CHEVRON DELO 400 XLE 10W30 (--- LTR)

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

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.

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	Client Info		WC0851837	WC0733119	WC0733072
	Client Info		07 Apr 2024	29 Aug 2023	24 May 2023
mls	Client Info		665072	-	589422
					40000
11110					Changed
	Chefit IIIO		-		NORMAL
			NORMAL	NORIVIAL	NORIVIAL
N	method	limit/base	current	history1	history2
	WC Method	>5	<1.0	<1.0	<1.0
	WC Method	>0.2	NEG	NEG	NEG
	WC Method		NEG	NEG	NEG
	method	limit/base	current	history1	history2
ppm	ASTM D5185m	>80	27	25	26
maa	ASTM D5185m	>5	2	2	2
	ASTM D5185m	>2	<1	<1	0
		-			0
		>3	-		0
					19
					0
			-		5
		>5	-		<1
ppm					0
ppm	ASTM D5185m		0	0	0
	method	limit/base	current	history1	history2
ppm	ASTM D5185m		18	14	9
ppm	ASTM D5185m		0	0	0
ppm	ASTM D5185m		5	9	69
ppm	ASTM D5185m		<1	<1	<1
ppm	ASTM D5185m		707	841	368
ppm	ASTM D5185m	2900	1479	1694	1883
	ASTM D5185m	1100	708	877	925
	ASTM D5185m	1200		1056	1174
					3507
ppm	ASTIVI DOTODITI	4000	3131	4066	0001
			current		
	method	limit/base	current	history1	history2
ppm	method ASTM D5185m	limit/base	current 5	history1 6	history2 4
ppm ppm	method ASTM D5185m ASTM D5185m	limit/base >20	current 5 4	history1 6 1	history2 4 8
ppm	method ASTM D5185m ASTM D5185m ASTM D5185m	limit/base >20 >20	current 5 4 3	history1 6 1 4	history2 4 8 2
ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m method	limit/base >20 >20 limit/base	current 5 4 3 current	history1 6 1 4 history1	history2 4 8 2 history2
ppm ppm ppm %	method ASTM D5185m ASTM D5185m ASTM D5185m method *ASTM D7844	limit/base >20 >20	current 5 4 3 current 0.6	history1 6 1 4 history1 0.6	history2 4 8 2 history2 0.5
ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m method	limit/base >20 >20 limit/base	current 5 4 3 current	history1 6 1 4 history1	history2 4 8 2 history2
ppm ppm ppm %	method ASTM D5185m ASTM D5185m ASTM D5185m method *ASTM D7844	limit/base >20 >20 limit/base >3	current 5 4 3 current 0.6	history1 6 1 4 history1 0.6	history2 4 8 2 history2 0.5
ppm ppm ppm % Abs/cm	method ASTM D5185m ASTM D5185m ASTM D5185m method *ASTM D7844 *ASTM D7624	limit/base >20 >20 limit/base >3 >20	current 5 4 3 current 0.6 10.7	history1 6 1 4 history1 0.6 10.8	history2 4 8 2 history2 0.5 9.6
ppm ppm ppm % Abs/cm Abs/.1mm	method ASTM D5185m ASTM D5185m ASTM D5185m method *ASTM D7844 *ASTM D7624 *ASTM D7415	limit/base >20 >20 limit/base >3 >20 >30	current 5 4 3 current 0.6 10.7 24.7	history1 6 1 4 history1 0.6 10.8 25.5	history2 4 8 2 history2 0.5 9.6 23.8
ppm ppm ppm % Abs/cm Abs/.1mm	method ASTM D5185m ASTM D5185m ASTM D5185m *ASTM D7844 *ASTM D7624 *ASTM D7415 method	limit/base >20 >20 limit/base >3 >20 >30 limit/base	current 5 4 3 current 0.6 10.7 24.7 current	history1 6 1 4 history1 0.6 10.8 25.5 history1	history2 4 8 2 history2 0.5 9.6 23.8 history2
	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	Client Info mls Client Info mls Client Info Client Info Client Info Client Info Client Info Client Info Client Info WC Method WC Method WC Method WC Method WC Method MC Method Ppm ASTM D5185m ppm ASTM D5185m	Client InfomlsClient InfomlsClient InfoClient InfoClient InfoClient InfoClient InfoClient InfoStateWC Method>5WC Method>0.2WC Method>0.2WC Method>5PpmASTM D5185mPpmASTM D5185m	Client Info 07 Apr 2024 mls Client Info 665072 mls Client Info 40000 Client Info Changed NORMAL NORMAL WC Method >5 WC Method >5 WC Method >0.2 NEG WC Method >0.2 NEG WC Method >0.2 NEG WC Method >0.2 NEG WC Method >5 21.0 ppm ASTM D5185m >80 27 ppm ASTM D5185m >2 <1 ppm ASTM D5185m >2 <1 ppm ASTM D5185m >30 8 ppm ASTM D5185m >30 8 ppm ASTM D5185m >30 9 ASTM D5185m >5 0 9 ppm ASTM D5185m <1 9 ppm ASTM D5185m <1 9 ppm ASTM D5185m <0 <t< th=""><th>Client Info WC0851837 WC0733119 Client Info 07 Apr 2024 29 Aug 2023 mls Client Info 665072 627807 mls Client Info 40000 40000 Client Info 40000 40000 Client Info Changed Changed Client Info Current history1 WC Method >5 <1.0 <1.0 WC Method >0.2 NEG NEG WC Method >0.2 NEG NEG ppm ASTM D5185m >80 27 25 ppm ASTM D5185m >2 2 2 ppm ASTM D5185m >3 0 0 ppm ASTM D5185m >30 0 <t< th=""></t<></th></t<>	Client Info WC0851837 WC0733119 Client Info 07 Apr 2024 29 Aug 2023 mls Client Info 665072 627807 mls Client Info 40000 40000 Client Info 40000 40000 Client Info Changed Changed Client Info Current history1 WC Method >5 <1.0 <1.0 WC Method >0.2 NEG NEG WC Method >0.2 NEG NEG ppm ASTM D5185m >80 27 25 ppm ASTM D5185m >2 2 2 ppm ASTM D5185m >3 0 0 ppm ASTM D5185m >30 0 <t< th=""></t<>

Contact/Location: Mathieu Carby - LYNSPR



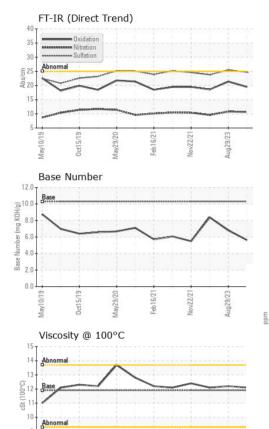
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May10/19

Oct15/19

/lay29/20

OIL ANALYSIS REPORT



nd)		VISUAL		method	limit/base	current	history1	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
Feb16/21	Nov22/21 Aug29/23	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
문	Novi Aug2	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
		Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
		Free Water	scalar	*Visual		NEG	NEG	NEG
		FLUID PROPER	TIES	method	limit/base	current	history1	history2
~ -	\wedge	Visc @ 100°C	cSt	ASTM D445	11.9	12.1	12.2	12.1
	~ `	GRAPHS						
		Iron (ppm)				Lead (ppm)		
- 12	21-	Severe				Saura		
Feb16/21	Nov22/21 Aug29/23	100 Abnormal				0 - Severe		
цс.	Au	Abnormal			E d	Abnormal		
		50			2	0 -		
						0		
		May10/19 - 0ct15/19 -	Feb16/21-	Nov22/21-	4ug29/23	May10/19	May29/20 - Feb16/21	Nov22/21 - - Aug29/23 -
		May1 0ct1 May2	Feb	Nov	Augz	May1 Oct1	May2 Feb	Novi Aug2
		Aluminum (ppm)				Chromium (pp	om)	
	60 50				2 0 Severe			
		40				8		
21+	21	E 30				6 Abnormal		
Feb16/21	Nov22/21 Aug29/23	20		~	۵. 	4		
LC.	Au Au	10-	1	\sim		2	~	\sim
		/10//10//10//10//10//10//10//10//10//10	121	2/21	//23		/20+	2/21-
		May10/19 - 0ct15/19 - 0	Feb16/21	Nov22/21	Aug 29/23	May10/19 . 0ct15/19 .	May29/20 Feb16/21	Nov22/21 Aug29/23
		Copper (ppm)			~	Silicon (ppm)	<u> </u>	e4,
		600 T			4	Severe		
		500			3	0		
		400 5 300 - Severe			<u>E</u> 2	Abnormal		
		200 Abnormal						
		100			1	0		~
			21+	511	22		20	[3
		May10/19 0ct15/19 May29/20	Feb 16/2	Nov22/21	62/62/87	May10/19 0ct15/19	May29/20 Feb16/21	Nov22/21 Aug29/23
				Ň,	Au		Mā	Au
		Viscosity @ 100°C	-			Base Number		
					(^B /H	Base		
		J4 Abnormal	>		(0/H0) 8 8 8 8 8 9 8 9 8 9 8 9 8 9	0		\wedge
		(3-001) 12- Base			nber (~ ~
		³ ¹⁰ - Abnormal			4 N 8g 2			
		8			+ 0	.0		
		May10/19 0ct15/19 May29/20	Feb16/21	Nov22/21	Aug 29/23	May10/19 0ct15/19	May29/20 Feb16/21	Nov22/21 Aug29/23
		May ⁻ Octi	Feb	Nov	Aug	May	Feb	Nov
		: WC0851837 · : 06148908 r : 10978986 e : MOB 2 t, contact Customer Serv	Rece Teste Diagr	ived : 15 Apr 2024 27340 ACH ed : 16 Apr 2024 nosed : 17 Apr 2024 - Sean Felton 800-237-1369.			TRANSPORT - SPRUCE GROV ESON RD, ACHESON INDUSTRIAL PAR ACHESON, A CA T7X 6B Contact: Mathieu Carb mcarby@lynden.cor	
		t are outside of the ISO 1 specifications are based o				nrule (JCGM 104	S-2012)	T
			on and Sill	πρις αυσρία				
00140300 (GE	ncialeu. 04/17/202	24 14:04:12) Rev: 1				Comaci/Loca	uon. matheu (Carby - LYNSPF Page 2 of :

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