

OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id

FREIGHTLINER 1127

Component Transmission (Manual)

CHEVRON SYNTHETIC AMT XDT AUTO 75W90 (--- LTR)

DIAGNOSIS

Recommendation

The fluid change at the time of sampling has been noted. 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 fluid.

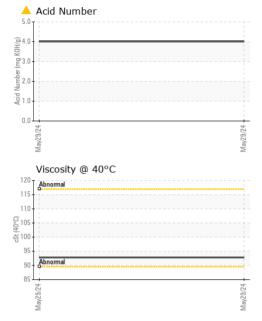
Fluid Condition

The AN level is above the recommended limit. The condition of the fluid is acceptable for the time in service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0851786		
Sample Date		Client Info		29 May 2024		
Machine Age	kms	Client Info		480356		
Oil Age	kms	Client Info		480356		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
CONTAMINATION	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	192		
Chromium	ppm	ASTM D5185m	>5	2		
Nickel	ppm	ASTM D5185m	>5	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m	>7	0		
Aluminum	ppm	ASTM D5185m	>25	5		
Lead	ppm	ASTM D5185m	>45	0		
Copper	ppm	ASTM D5185m	>225	4		
Tin	ppm	ASTM D5185m	>10	0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		312		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		6		
Magnesium	ppm	ASTM D5185m		0		
Calcium	ppm	ASTM D5185m		42		
Phosphorus	ppm	ASTM D5185m		1159		
Zinc	ppm	ASTM D5185m		0		
Sulfur	ppm	ASTM D5185m		1040		
CONTAMINANTS	1	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>125	14		
Sodium	ppm	ASTM D5185m		12		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		4.01		



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VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
Free Water	scalar	*Visual		NEG		
FLUID PROPERT	TES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		92.8		
SAMPLE IMAGES	3	method	limit/base	current	history1	history2
Color				no image	no image	no image
Bottom				no image	no image	no image
GRAPHS						
Iron (ppm)			10	Lead (ppm)		
400 Severe			10	0		
200 - Abnormal		E 50 Abnormal				
0				0		-
May29/24			May29/24	May29/24		May29/24
Aluminum (ppm) Chromium (ppm)						
Severe			Severe			
Abnormal		E 1	Abnormal			
0				0		
May29/24			May29/24	May29/24		May29/24
			Мау			May
Copper (ppm)			30	Silicon (ppm)		
Severe			_∈ 20			
Abnormal			E 20	0 - 2		
U			_	0 4		24
May29/2 ⁴			May29/24	May29/2		May29/24
≥ Viscosity @ 40°C						2
200 T			HOX 6	OT :		
Abnormal Abnormal			Acid Number (mg KOH/g)	0		
0				0		
May29/24			May29/24 Acid	May29/24		May29/24
Мау			Мау	Мау		May





Certificate 12367

Laboratory **Sample No.** : WC0851786 Lab Number : 06201622

Test Package : MOB 2

Unique Number : 11063745

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 06 Jun 2024

Tested : 09 Jun 2024 : 09 Jun 2024 - Don Baldridge Diagnosed

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] 06201622 (Generated: 06/09/2024 15:39:18) Rev: 1

Contact/Location: Mathieu Carby - LYNSPR

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