



OIL ANALYSIS REPORT

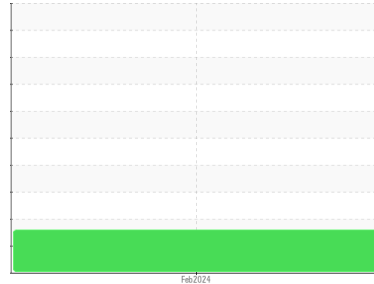
Sample Rating Trend

WEAR



Machine Id
FREIGHTLINER 2455

Component
Transmission (Auto)
Fluid
DEXRON III (--- QTS)



DIAGNOSIS

▲ Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor.

▲ Wear

Torque converter wear is indicated. Clutch wear is indicated.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

The condition of the fluid is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0871018	---	---
Sample Date	Client Info		15 Feb 2024	---	---
Machine Age	mls	Client Info	33417	---	---
Oil Age	mls	Client Info	0	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	72	---	---
Chromium	ppm	ASTM D5185m >5	0	---	---
Nickel	ppm	ASTM D5185m >5	0	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m >5	0	---	---
Aluminum	ppm	ASTM D5185m >50	▲ 62	---	---
Lead	ppm	ASTM D5185m >50	▲ 71	---	---
Copper	ppm	ASTM D5185m >225	40	---	---
Tin	ppm	ASTM D5185m >10	9	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	75	---	---
Barium	ppm	ASTM D5185m	<1	---	---
Molybdenum	ppm	ASTM D5185m	3	---	---
Manganese	ppm	ASTM D5185m	2	---	---
Magnesium	ppm	ASTM D5185m	15	---	---
Calcium	ppm	ASTM D5185m	88	---	---
Phosphorus	ppm	ASTM D5185m	231	---	---
Zinc	ppm	ASTM D5185m	16	---	---
Sulfur	ppm	ASTM D5185m	1005	---	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	7	---	---
Sodium	ppm	ASTM D5185m	10	---	---
Potassium	ppm	ASTM D5185m >20	2	---	---

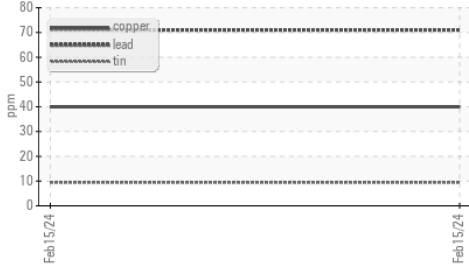
VISUAL

	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	---	---



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▲ Non-ferrous Metals



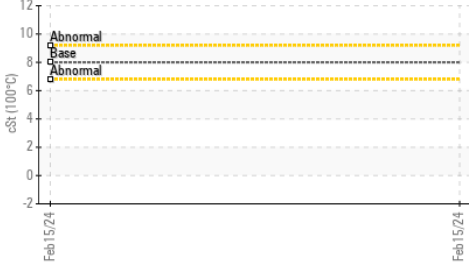
FLUID PROPERTIES

method	limit/base	current	history1	history2	
Visc @ 40°C	cSt ASTM D445	35.0	33.69	---	---

SAMPLE IMAGES

method	limit/base	current	history1	history2	
Color			no image	no image	no image
Bottom			no image	no image	no image

● Viscosity @ 100°C

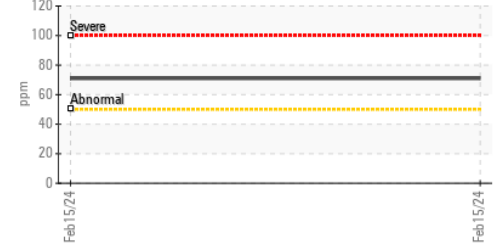


GRAPHS

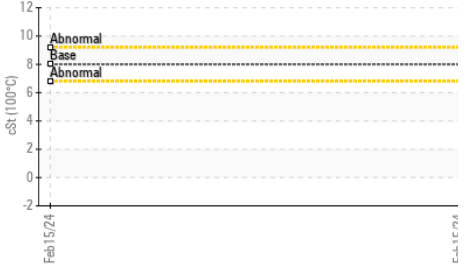
Iron (ppm)



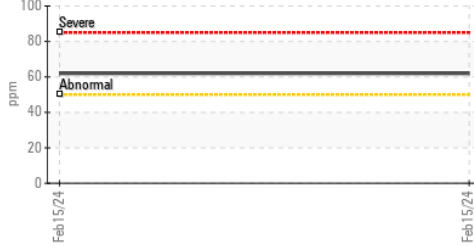
▲ Lead (ppm)



● Viscosity @ 100°C



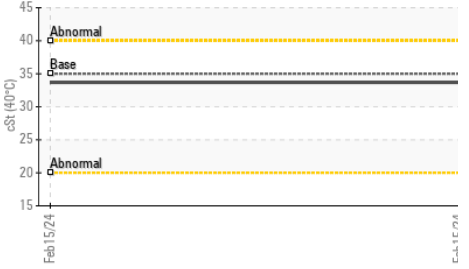
▲ Aluminum (ppm)



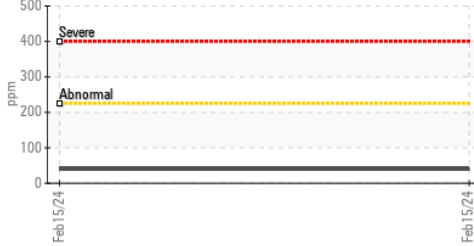
Chromium (ppm)



● Viscosity @ 40°C



Copper (ppm)



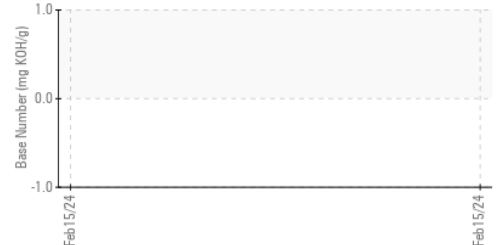
Silicon (ppm)



● Viscosity @ 40°C



Base Number



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0871018 **Received** : 23 Feb 2024
Lab Number : **06098189** **Tested** : 28 Feb 2024
Unique Number : 10896419 **Diagnosed** : 28 Feb 2024 - Jonathan Hester
Test Package : MOB 1 (Additional Tests: FT-IR, FuelDilution, KV100, TBN)

INTERSTATE WASTE-CHESTER
 89 BLACK MEADOW RD
 CHESTER, NY
 US 10918
 Contact: ROB CLARKE
 rclarke@interstatewaste.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)

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