



# OIL ANALYSIS REPORT

WEAR  
CONTAMINATION  
FLUID CONDITION

SEVERE
NORMAL
ATTENTION

Machine Id  
**0807110**  
Component  
**Differential**  
Fluid  
**VALVOLINE 75W90 (--- GAL)**

## RECOMMENDATION

We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

## WEAR

The aluminum level is severe.

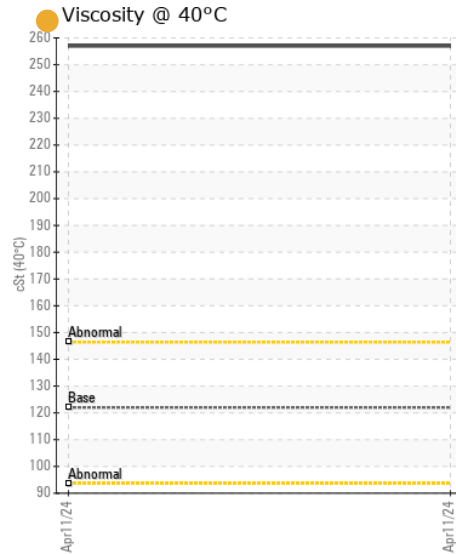
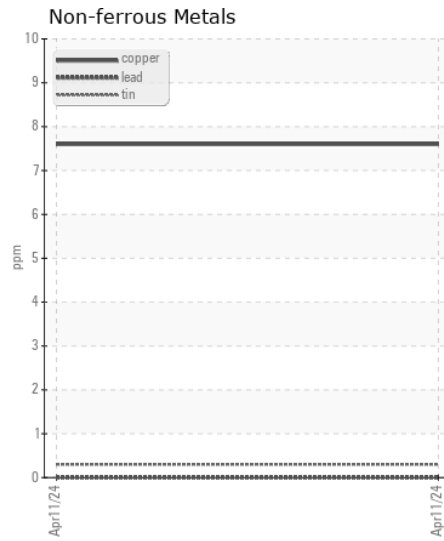
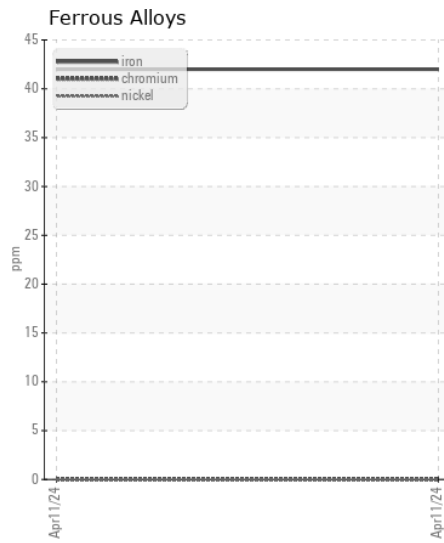
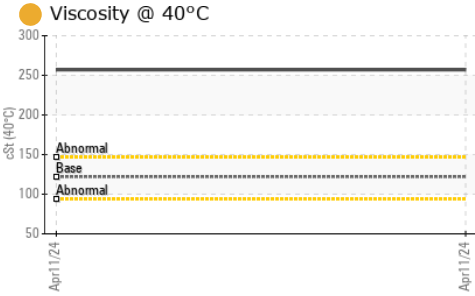
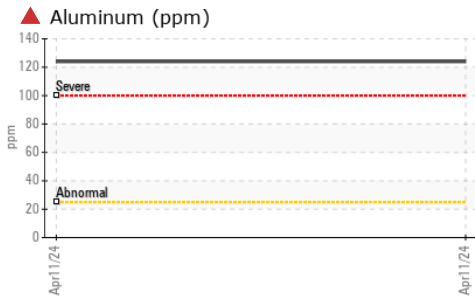
## CONTAMINATION

There is no indication of any contamination in the oil.

## FLUID CONDITION

The oil viscosity is higher than normal.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0748601	---	---
Sample Date		Client Info		11 Apr 2024	---	---
Machine Age	hrs	Client Info		20097	---	---
Oil Age	hrs	Client Info		2396	---	---
Filter Age	hrs	Client Info		2396	---	---
Oil Changed		Client Info		Not Changed	---	---
Filter Changed		Client Info		Not Changed	---	---
Sample Status				SEVERE	---	---
Iron	ppm	ASTM D5185m	>500	42	---	---
Chromium	ppm	ASTM D5185m	>10	0	---	---
Nickel	ppm	ASTM D5185m	>10	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>25	▲ 124	---	---
Lead	ppm	ASTM D5185m	>25	0	---	---
Copper	ppm	ASTM D5185m	>100	8	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>75	4	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water		WC Method	>.2	NEG	---	---
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	>.2	NEG	---	---
Sodium	ppm	ASTM D5185m		1	---	---
Boron	ppm	ASTM D5185m		25	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		3	---	---
Magnesium	ppm	ASTM D5185m		3	---	---
Calcium	ppm	ASTM D5185m		17	---	---
Phosphorus	ppm	ASTM D5185m		667	---	---
Zinc	ppm	ASTM D5185m		14	---	---
Sulfur	ppm	ASTM D5185m		21803	---	---
Visc @ 40°C	cSt	ASTM D445	122	● 257	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0748601  
**Lab Number** : 06152683  
**Unique Number** : 10982761  
**Test Package** : FLEET

**Received** : 17 Apr 2024  
**Tested** : 18 Apr 2024  
**Diagnosed** : 23 Apr 2024 - Jonathan Hester

**DOLE FRESH FRUIT COMPANY**  
 10TH AVENUE MARINE TERMINAL, 850 WATER STREET  
 SAN DIEGO, CA  
 US 92101

Contact: CARLOS RENTERIA  
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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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