



# OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Machine Id  
**CAPACITY 0807103**  
 Component  
**Rear Differential**  
 Fluid  
**VALVOLINE 75W90 (6 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0748591</b>	WC0748522	WC0748513
Sample Date		Client Info		<b>03 Apr 2024</b>	10 Aug 2023	30 Mar 2023
Machine Age	hrs	Client Info		<b>3654</b>	2774	2231
Oil Age	hrs	Client Info		<b>8553</b>	10917	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Filter Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>1250	<b>212</b>	237	235
Chromium	ppm	ASTM D5185m	>10	<b>1</b>	<1	1
Nickel	ppm	ASTM D5185m	>10	<b>5</b>	5	6
Titanium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>35	<b>3</b>	<1	3
Lead	ppm	ASTM D5185m	>50	<b>1</b>	<1	0
Copper	ppm	ASTM D5185m	>250	<b>3</b>	2	2
Tin	ppm	ASTM D5185m	>20	<b>0</b>	0	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

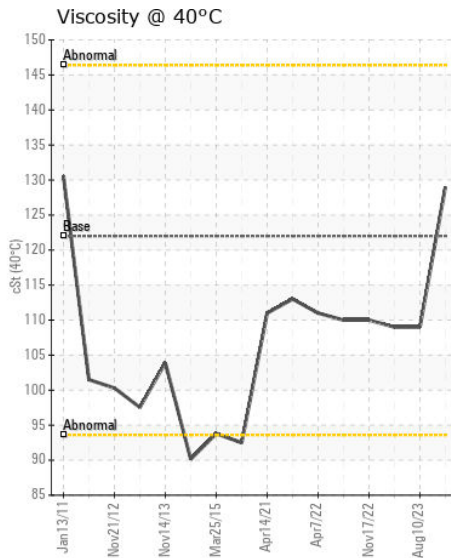
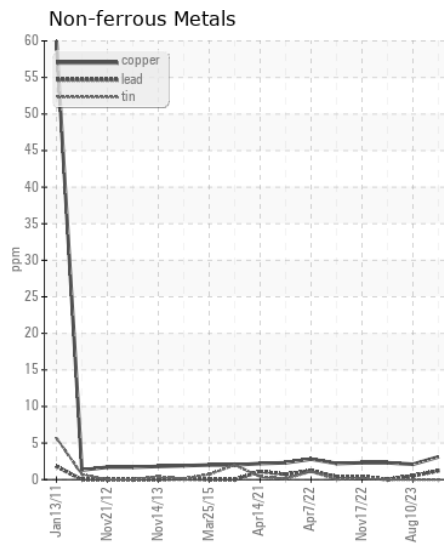
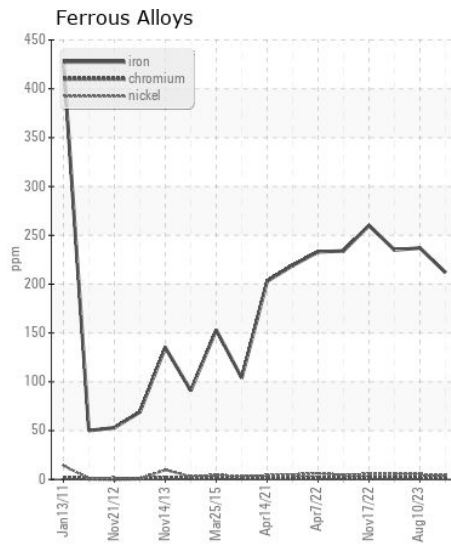
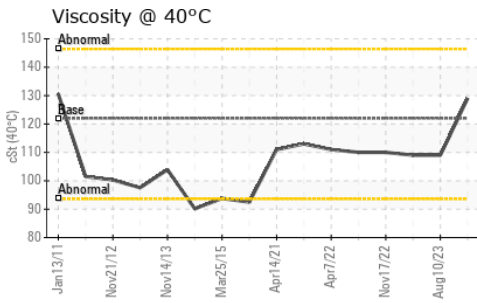
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>200	<b>18</b>	15	15
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	<1	0
Water		WC Method	>.2	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>.2	<b>NEG</b>	NEG	NEG

## FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>2</b>	3	3
Boron	ppm	ASTM D5185m		<b>62</b>	63	66
Barium	ppm	ASTM D5185m		<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>&lt;1</b>	1	1
Manganese	ppm	ASTM D5185m		<b>3</b>	3	4
Magnesium	ppm	ASTM D5185m		<b>2</b>	0	2
Calcium	ppm	ASTM D5185m		<b>9</b>	<1	6
Phosphorus	ppm	ASTM D5185m		<b>698</b>	689	711
Zinc	ppm	ASTM D5185m		<b>6</b>	0	7
Sulfur	ppm	ASTM D5185m		<b>22206</b>	25056	26433
Visc @ 40°C	cSt	ASTM D445	122	<b>129</b>	109	109



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0748591  
**Lab Number** : 06145445  
**Unique Number** : 10970253  
**Test Package** : FLEET

**Received** : 10 Apr 2024  
**Tested** : 11 Apr 2024  
**Diagnosed** : 14 Apr 2024 - Don Baldrige

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

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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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