



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id  
**C-13 LSSC13**  
Component  
**Compressor**  
Fluid  
**CHEVRON CAPELLA OIL WF 68 (--- GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>TO20000349</b>	TO20000315	TO20000134
Sample Date		Client Info		<b>12 Jun 2024</b>	31 May 2023	18 Jul 2022
Machine Age	hrs	Client Info		<b>39112</b>	37999	34575
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	Not Changd	Not Changd
Filter Changed		Client Info		<b>N/A</b>	Not Changd	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	ATTENTION

## WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	<b>&lt;1</b>	4	6
Chromium	ppm	ASTM D5185m	>10	<b>0</b>	0	0
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Titanium	ppm	ASTM D5185m		<b>0</b>	0	0
Silver	ppm	ASTM D5185m		<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185m	>25	<b>0</b>	<1	1
Lead	ppm	ASTM D5185m	>25	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>50	<b>0</b>	0	<1
Tin	ppm	ASTM D5185m	>15	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

## CONTAMINATION

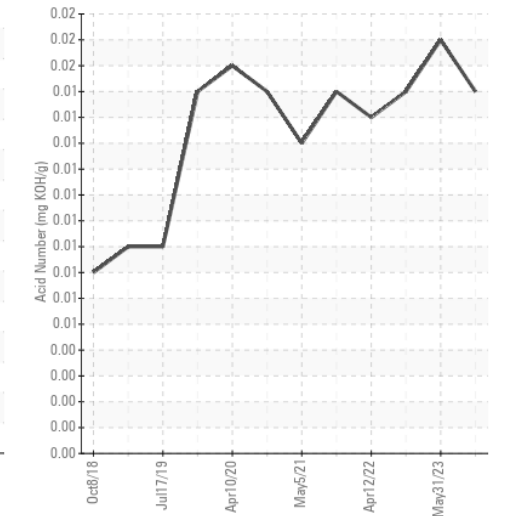
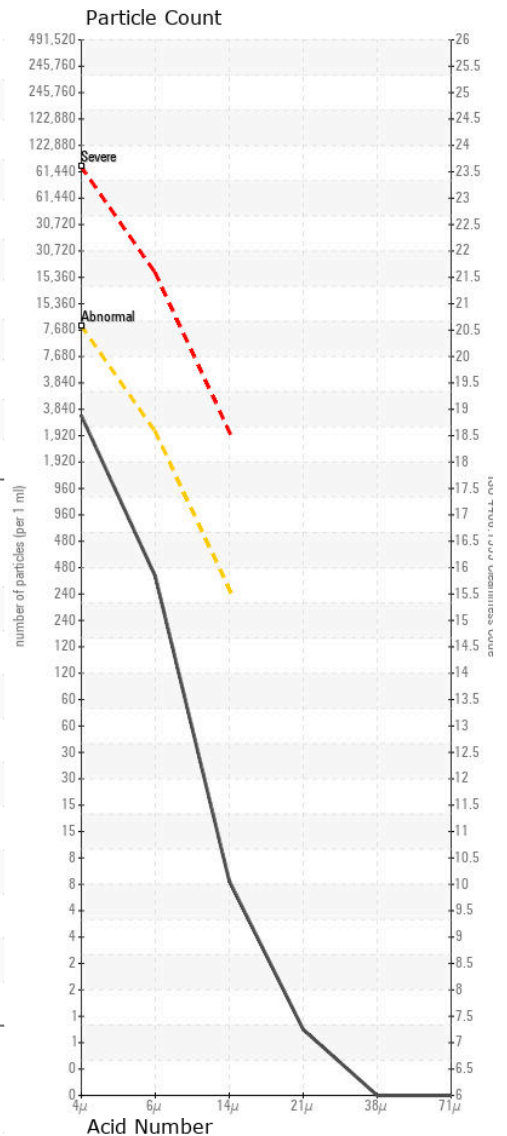
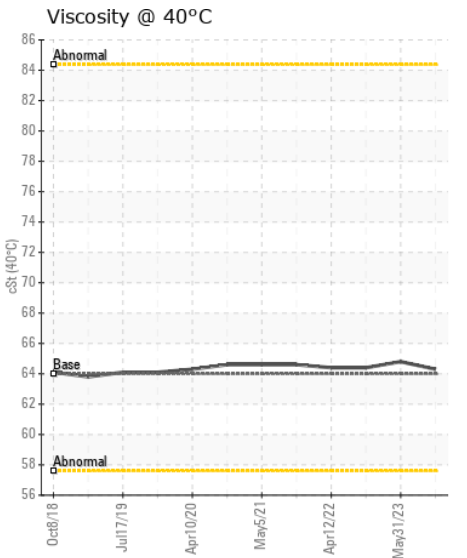
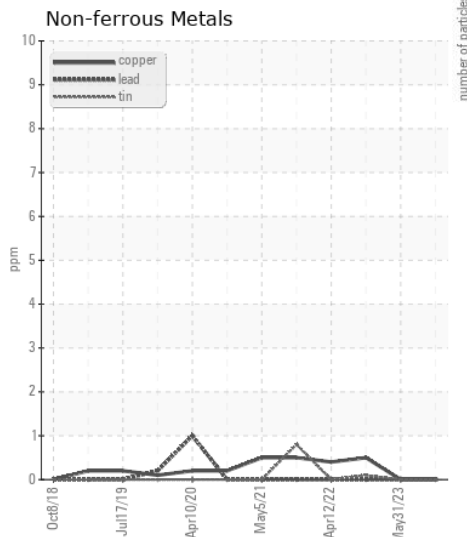
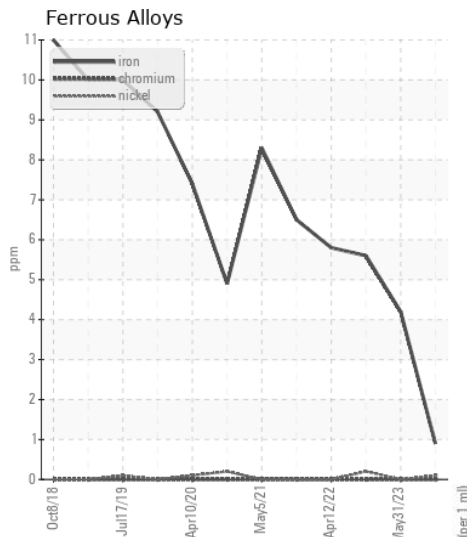
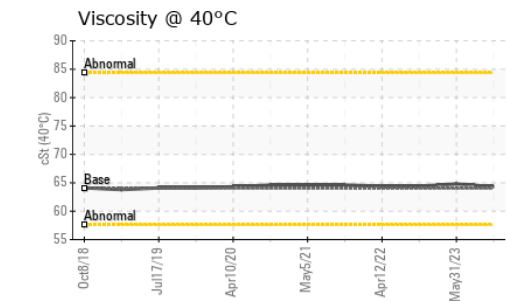
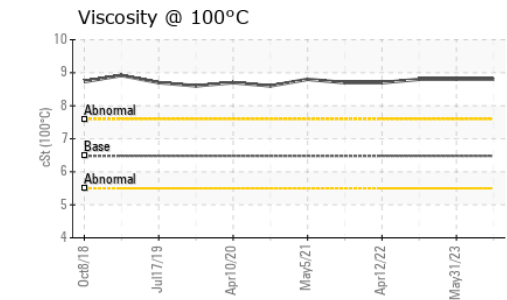
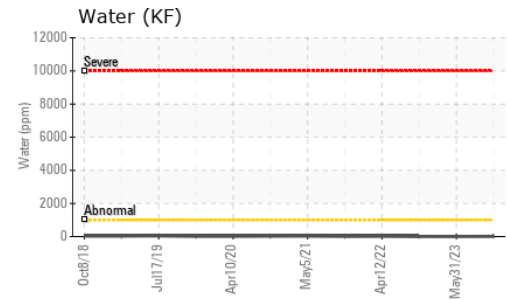
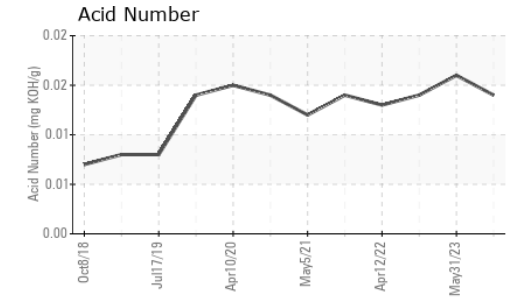
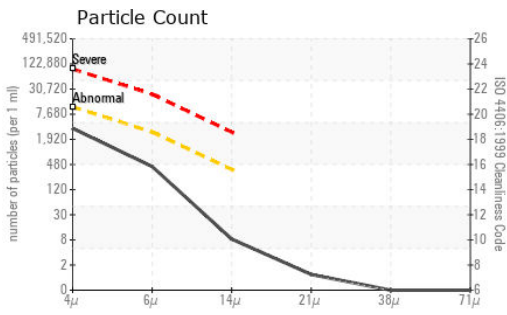
There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

Silicon	ppm	ASTM D5185m	>25	<b>&lt;1</b>	<1	<1
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	0	0
Water	%	ASTM D6304	>0.1	<b>0.001</b>	0.00	0.001
ppm Water	ppm	ASTM D6304	>1000	<b>6</b>	0.00	2.9
Particles >4µm		ASTM D7647	>10000	<b>3082</b>	9163	16811
Particles >6µm		ASTM D7647	>2500	<b>377</b>	1794	2686
Particles >14µm		ASTM D7647	>320	<b>7</b>	25	123
Particles >21µm		ASTM D7647	>80	<b>1</b>	2	17
Particles >38µm		ASTM D7647	>20	<b>0</b>	0	1
Particles >71µm		ASTM D7647	>4	<b>0</b>	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	<b>19/16/10</b>	20/18/12	21/19/14
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	>0.1	<b>NEG</b>	NEG	NEG

## FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		<b>2</b>	<1	0
Boron	ppm	ASTM D5185m		<b>0</b>	0	<1
Barium	ppm	ASTM D5185m		<b>0</b>	2	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	0
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	0
Magnesium	ppm	ASTM D5185m	0	<b>0</b>	3	0
Calcium	ppm	ASTM D5185m		<b>0</b>	4	0
Phosphorus	ppm	ASTM D5185m		<b>0</b>	4	<1
Zinc	ppm	ASTM D5185m		<b>0</b>	20	2
Sulfur	ppm	ASTM D5185m		<b>73</b>	74	83
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.014</b>	0.016	0.014
Visc @ 40°C	cSt	ASTM D445	64.0	<b>64.3</b>	64.8	64.4
Visc @ 100°C	cSt	ASTM D445	6.48	<b>8.8</b>	8.8	8.8
Viscosity Index (VI)	Scale	ASTM D2270	12	<b>110</b>	109	110



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : TO20000349 **Received** : 02 Jul 2024  
**Lab Number** : 06226801 **Tested** : 03 Jul 2024  
**Unique Number** : 11110294 **Diagnosed** : 05 Jul 2024 - Don Baldridge  
**Test Package** : IND 2 ( Additional Tests: KF, KV100, PrtCount, VI )

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)

**DORADA FOODS**  
 2000 HALL BLVD  
 PONCA CITY, OK  
 US 73135  
 Contact: RYAN HALE  
 rhale@doradafoods.com

T:  
F: