



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id
C-11 HSSC11 (S/N W1591)
 Component
Compressor
 Fluid
CHEVRON CAPELLA OIL WF 68 (40 GAL)

RECOMMENDATION

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

WEAR

All component wear rates are normal.

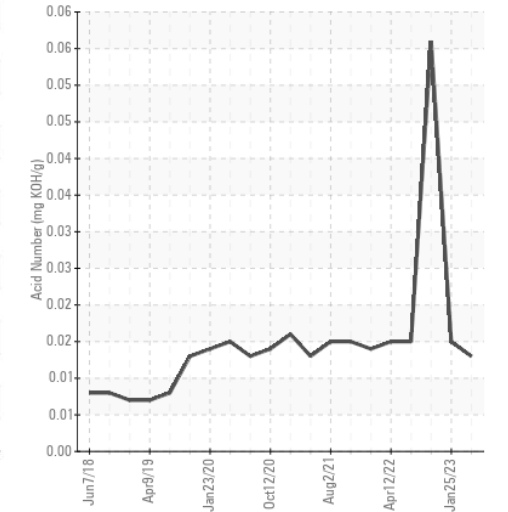
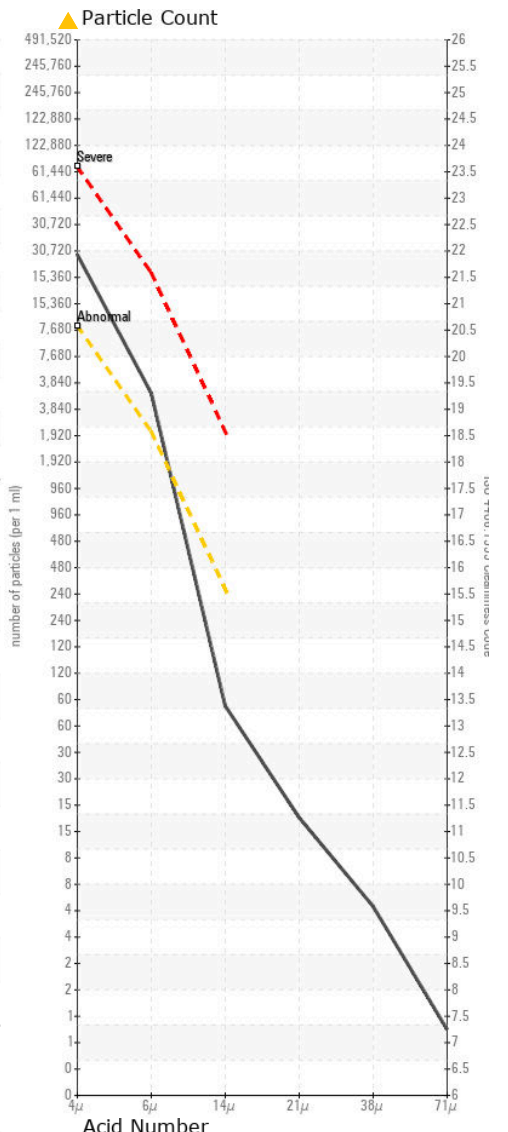
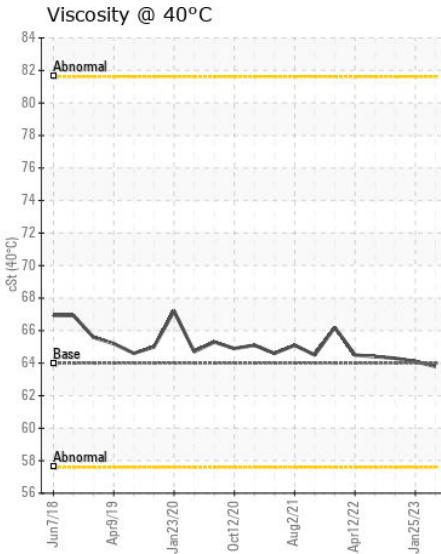
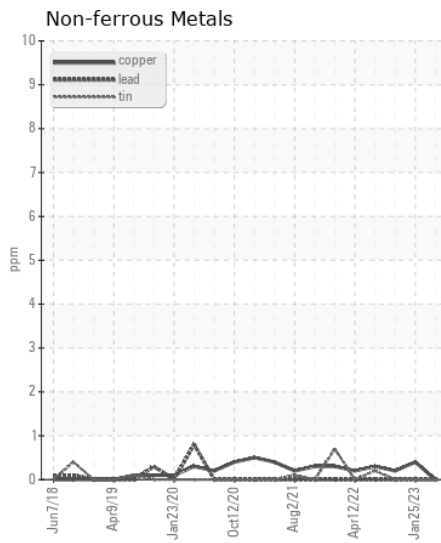
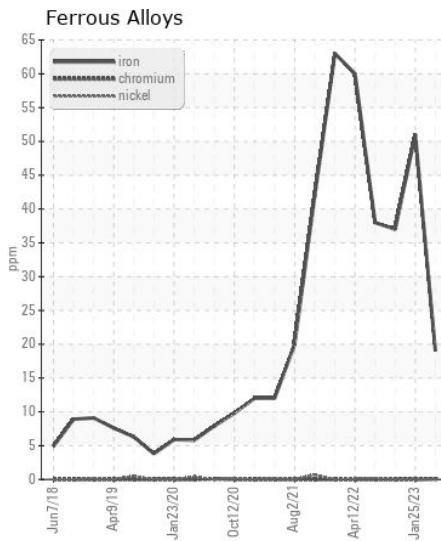
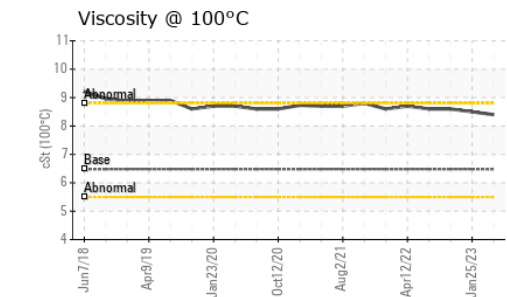
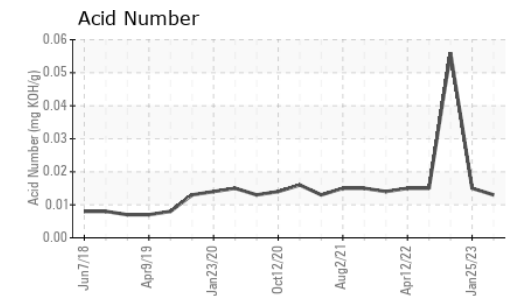
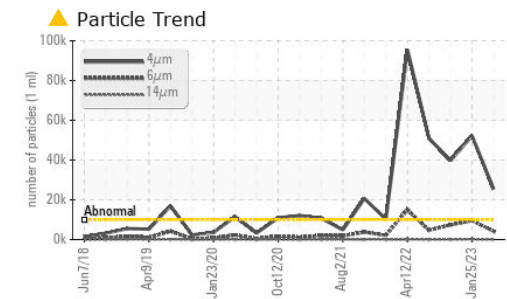
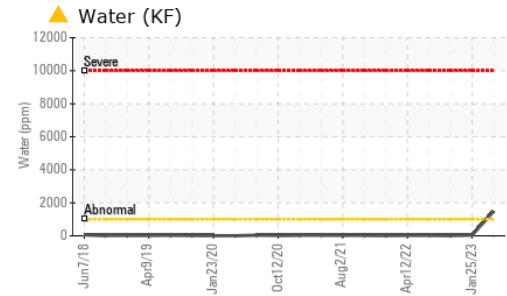
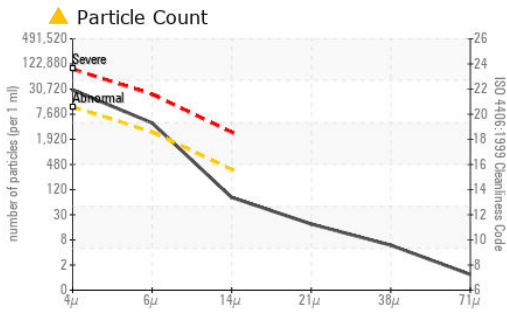
CONTAMINATION

There is a high amount of silt (particulates < 14 microns in size) present in the oil. There is a light concentration of water present in the oil.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TO20000222	TO20000189	TO20000202
Sample Date		Client Info		31 May 2023	25 Jan 2023	19 Oct 2022
Machine Age	hrs	Client Info		63529	61284	59385
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Chngd	Not Chngd	Not Chngd
Filter Changed		Client Info		Not Chngd	Not Chngd	Not Chngd
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>50	19	▲ 51	37
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	1	0	0
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	0	<1	<1
Tin	ppm	ASTM D5185m	>15	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	<1	1	<1
Potassium	ppm	ASTM D5185m	>20	0	<1	0
Water	%	ASTM D6304	>0.1	▲ 0.148	0.004	0.001
ppm Water	ppm	ASTM D6304	>1000	▲ 1480	46.9	7.7
Particles >4µm		ASTM D7647	>10000	▲ 25355	▲ 52153	▲ 39801
Particles >6µm		ASTM D7647	>2500	● 4136	▲ 9581	▲ 7386
Particles >14µm		ASTM D7647	>320	69	83	82
Particles >21µm		ASTM D7647	>80	16	4	8
Particles >38µm		ASTM D7647	>20	5	0	0
Particles >71µm		ASTM D7647	>4	1	0	0
Oil Cleanliness		ISO 4406 (c)	>20/18/15	▲ 22/19/13	▲ 23/20/14	▲ 22/20/14
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	0.2%	NEG	NEG
Sodium	ppm	ASTM D5185m		<1	0	0
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		2	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m	0	3	<1	0
Calcium	ppm	ASTM D5185m		3	<1	0
Phosphorus	ppm	ASTM D5185m		4	3	<1
Zinc	ppm	ASTM D5185m		33	31	31
Sulfur	ppm	ASTM D5185m		33	24	38
Acid Number (AN)	mg KOH/g	ASTM D8045		0.013	0.015	0.056
Visc @ 40°C	cSt	ASTM D445	64.0	63.8	64.1	64.3
Visc @ 100°C	cSt	ASTM D445	6.48	8.4	8.5	8.6
Viscosity Index (VI)	Scale	ASTM D2270	12	100	102	105



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TO20000222 **Received** : 06 Jun 2023
Lab Number : 05865637 **Tested** : 09 Jun 2023
Unique Number : 10500102 **Diagnosed** : 09 Jun 2023 - Jonathan Hester
Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI)

DORADA FOODS
 2000 HALL BLVD
 PONCA CITY, OK
 US 73135
 Contact: RYAN HALE
 r hale@doradafoods.com
 T:
 F:

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)