



WEAR CHECK

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
CAPACITY 0808114
 Component
Hydraulic System
 Fluid
CHEVRON HYDRAULIC OIL AW ISO 32 (10 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0748604	WC0748559	WC0748546
Sample Date		Client Info		17 Apr 2024	30 Aug 2023	30 Mar 2023
Machine Age	hrs	Client Info		20316	19595	19004
Oil Age	hrs	Client Info		20316	19595	19004
Filter Age	hrs	Client Info		721	591	615
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>20	11	22	19
Chromium	ppm	ASTM D5185m	>10	4	8	8
Nickel	ppm	ASTM D5185m	>10	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>10	11	17	19
Lead	ppm	ASTM D5185m	>10	<1	<1	0
Copper	ppm	ASTM D5185m	>75	9	18	18
Tin	ppm	ASTM D5185m	>10	<1	<1	0
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	▲ MODER
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

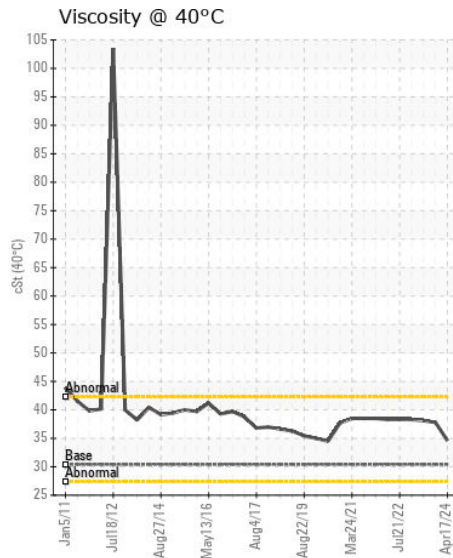
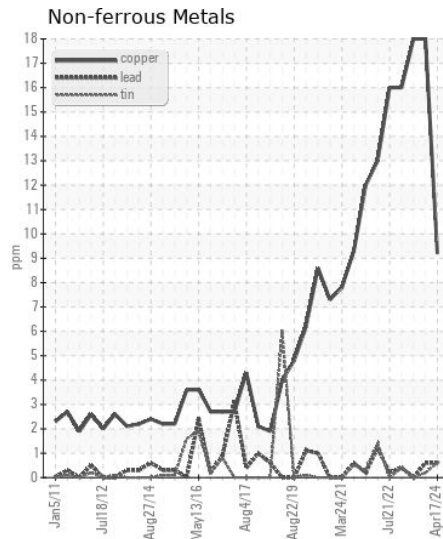
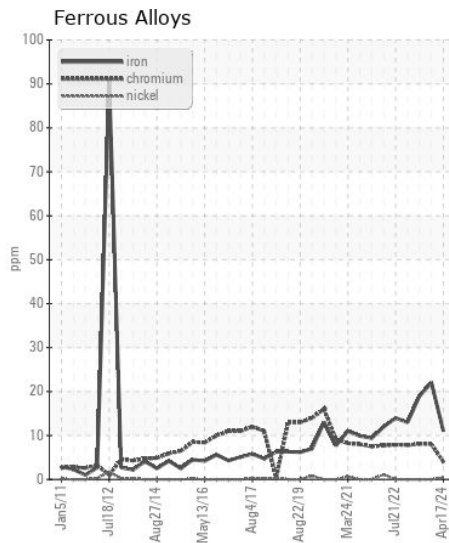
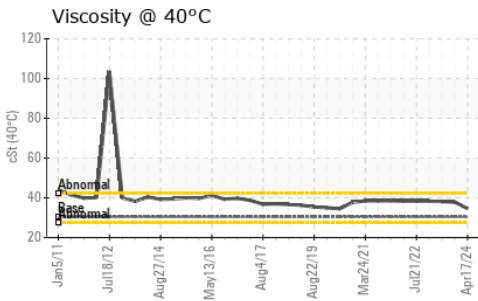
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>20	4	7	6
Potassium	ppm	ASTM D5185m	>20	<1	0	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	▲ MODER
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	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		2	4	4
Boron	ppm	ASTM D5185m		2	8	10
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	1	2
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		11	22	24
Calcium	ppm	ASTM D5185m		695	1674	1621
Phosphorus	ppm	ASTM D5185m		430	514	520
Zinc	ppm	ASTM D5185m		500	581	569
Sulfur	ppm	ASTM D5185m		1430	2404	2499
Visc @ 40°C	cSt	ASTM D445	30.4	34.6	37.8	38.1



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0748604
Lab Number : 06159968
Unique Number : 10995391
Test Package : FLEET

Received : 24 Apr 2024
Tested : 25 Apr 2024
Diagnosed : 26 Apr 2024 - Don Baldrige

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

Contact: CARLOS RENTERIA
 carlos.renteria@dole.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)

T: (619)615-1723
 F: (619)236-0703