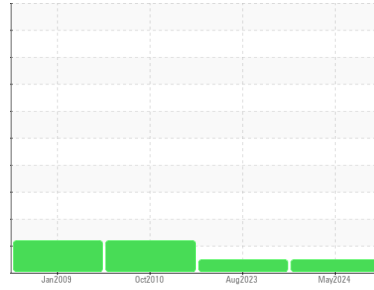




OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
CARRIER DFGS100699
 Component
Diesel Engine
 Fluid
CHEVRON 15W40 (15 QTS)

DIAGNOSIS

Recommendation
 Resample at the next service interval to monitor.

Wear
 All component wear rates are normal.

Contamination
 There is no indication of any contamination in the oil.

Fluid Condition
 The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			WC0905026	WC0847158	WCMF853733
Sample Date	Client Info			01 May 2024	16 Aug 2023	08 Oct 2010
Machine Age	hrs	Client Info		14566	11836	3015
Oil Age	hrs	Client Info		1500	1500	1500
Oil Changed	Client Info			Changed	N/A	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Fuel	WC Method	>4.0		<1.0	<1.0	<1.0
Water	WC Method	>0.1		NEG	NEG	NEG
Glycol	WC Method			NEG	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>120	6	3	46
Chromium	ppm	ASTM D5185m	>10	<1	0	2
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m		<1	<1	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>20	4	3	17
Lead	ppm	ASTM D5185m	>40	0	0	2
Copper	ppm	ASTM D5185m	>300	<1	<1	4
Tin	ppm	ASTM D5185m	>10	<1	<1	0
Antimony	ppm	ASTM D5185m		---	---	0
Vanadium	ppm	ASTM D5185m		0	<1	<1
Cadmium	ppm	ASTM D5185m		0	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		403	379	93
Barium	ppm	ASTM D5185m		1	0	0
Molybdenum	ppm	ASTM D5185m		134	122	77
Manganese	ppm	ASTM D5185m		<1	<1	<1
Magnesium	ppm	ASTM D5185m		679	729	147
Calcium	ppm	ASTM D5185m		1549	1616	3421
Phosphorus	ppm	ASTM D5185m		752	771	1095
Zinc	ppm	ASTM D5185m		879	905	1590
Sulfur	ppm	ASTM D5185m		2614	3103	4338

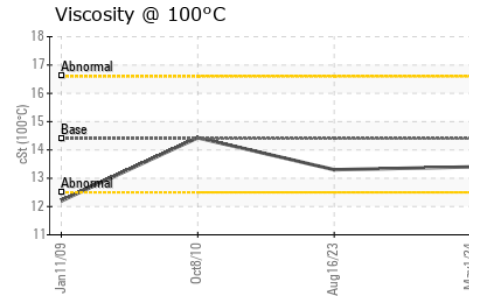
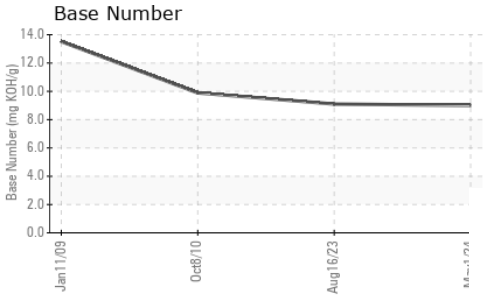
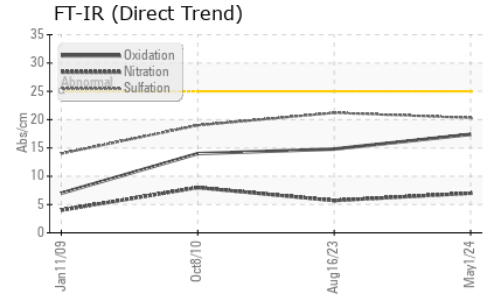
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	7	5	5
Sodium	ppm	ASTM D5185m	>50	2	3	▲ 478
Potassium	ppm	ASTM D5185m	>20	2	<1	3

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844		0.1	0.1	0.1
Nitration	Abs/cm	*ASTM D7624	>20	7.0	5.7	8.
Sulfation	Abs/.1mm	*ASTM D7415	>30	20.3	21.2	19.

FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	17.4	14.8	14.
Base Number (BN)	mg KOH/g	ASTM D2896		9.0	9.1	9.89



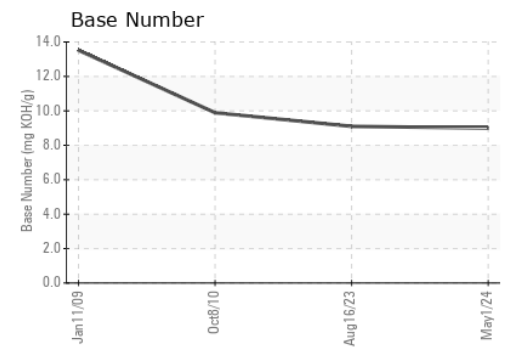
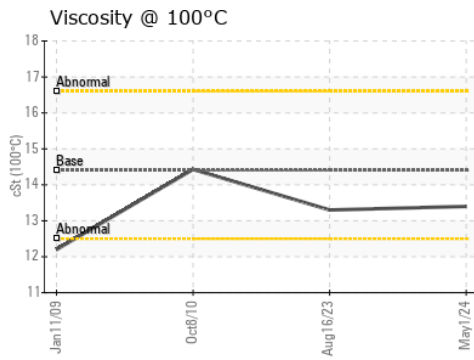
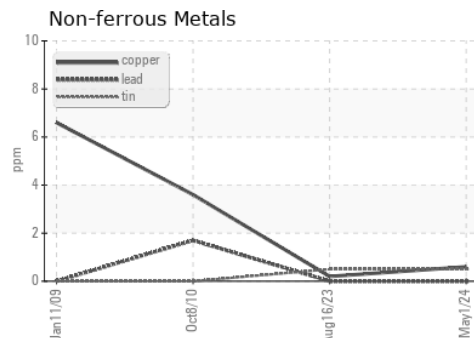
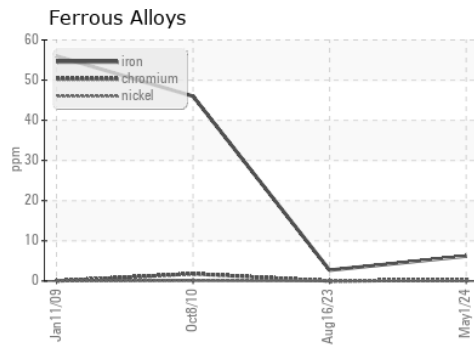
OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 100°C	cSt	ASTM D445	14.4	13.4	13.3

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0905026 **Received** : 10 Jun 2024
Lab Number : **06204147** **Tested** : 11 Jun 2024
Unique Number : 11071608 **Diagnosed** : 11 Jun 2024 - Wes Davis
Test Package : FLEET

DOLE FRESH FRUIT
 PO BOX 1689
 GULFPORT, MS
 US 39502
 Contact: JORDAN JOHNSTON
 jordan.johnston@dole.com

Certificate L2367
 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)