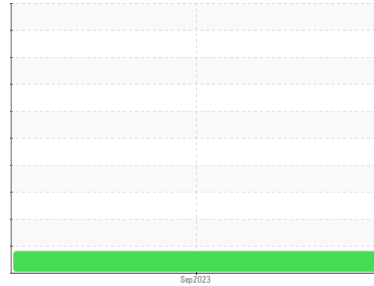




PROBLEM SUMMARY

Sample Rating Trend



FUEL



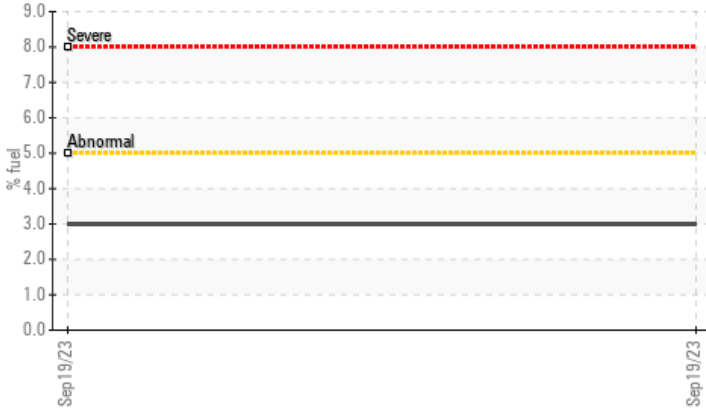
Machine Id
EASG101564-8

Component
Diesel Engine

Fluid
DIESEL ENGINE OIL SAE 15W40 (--- QTS)

COMPONENT CONDITION SUMMARY

▲ Fuel Dilution



RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

PROBLEMATIC TEST RESULTS

Sample Status				MARGINAL	---	---
Fuel	%	ASTM D3524	>5	▲ 3.0	---	---

Customer Id: DOLGUL
 Sample No.: WC0847081
 Lab Number: 05964482
 Test Package: FLEET



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Wes Davis +1 905-569-8600 x223
wesd@wearcheck.ca

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

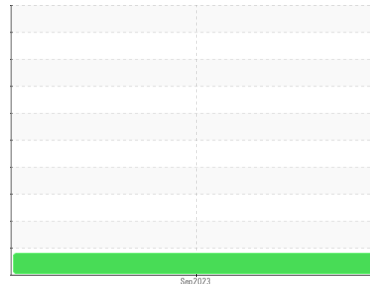
Action	Status	Date	Done By	Description
Information Required	---	---	?	Please specify the brand, type, and viscosity of the oil on your next sample. Please specify the component make and model with your next sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



FUEL



Machine Id
EASG101564-8

Component
Diesel Engine

Fluid
DISEL ENGINE OIL SAE 15W40 (--- QTS)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

Wear

Metal levels are typical for a components first oil change.

Contamination

Light fuel dilution occurring. No other contaminants were detected 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	WC0847081	---	---
Sample Date	Client Info	19 Sep 2023	---	---
Machine Age	hrs Client Info	3886	---	---
Oil Age	hrs Client Info	3886	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		MARGINAL	---	---

CONTAMINATION

method	limit/base	current	history1	history2
Glycol	WC Method	NEG	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >100	3	---	---
Chromium ppm	ASTM D5185m >20	0	---	---
Nickel ppm	ASTM D5185m >4	0	---	---
Titanium ppm	ASTM D5185m	0	---	---
Silver ppm	ASTM D5185m >3	0	---	---
Aluminum ppm	ASTM D5185m >20	3	---	---
Lead ppm	ASTM D5185m >40	0	---	---
Copper ppm	ASTM D5185m >330	0	---	---
Tin ppm	ASTM D5185m >15	0	---	---
Vanadium ppm	ASTM D5185m	0	---	---
Cadmium ppm	ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m 250	353	---	---
Barium ppm	ASTM D5185m 10	<1	---	---
Molybdenum ppm	ASTM D5185m 100	122	---	---
Manganese ppm	ASTM D5185m	<1	---	---
Magnesium ppm	ASTM D5185m 450	732	---	---
Calcium ppm	ASTM D5185m 3000	1520	---	---
Phosphorus ppm	ASTM D5185m 1150	764	---	---
Zinc ppm	ASTM D5185m 1350	937	---	---
Sulfur ppm	ASTM D5185m 4250	2614	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >25	4	---	---
Sodium ppm	ASTM D5185m >158	<1	---	---
Potassium ppm	ASTM D5185m >20	<1	---	---
Fuel %	ASTM D3524 >5	▲ 3.0	---	---

INFRA-RED

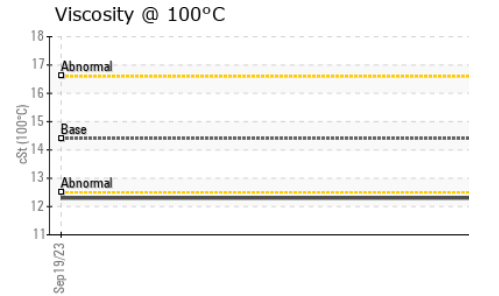
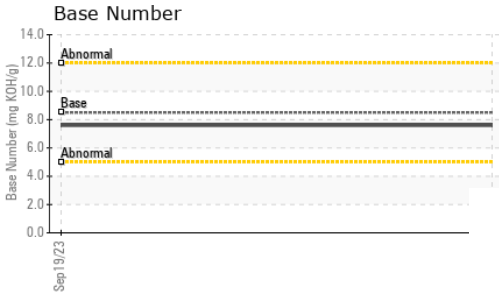
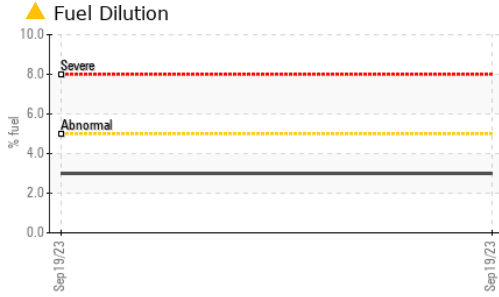
method	limit/base	current	history1	history2
Soot %	*ASTM D7844 >3	0.1	---	---
Nitration	Abs/cm *ASTM D7624 >20	6.3	---	---
Sulfation	Abs/.1mm *ASTM D7415 >30	21.9	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Oxidation	Abs/.1mm *ASTM D7414 >25	17.6	---	---
Base Number (BN)	mg KOH/g ASTM D2896 8.5	7.6	---	---



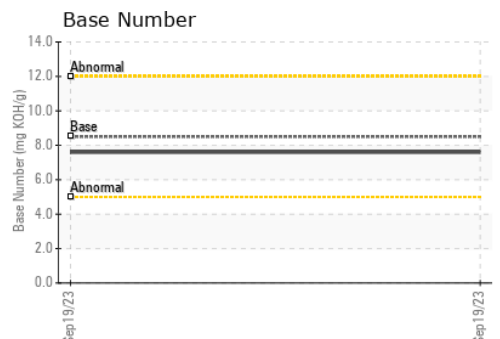
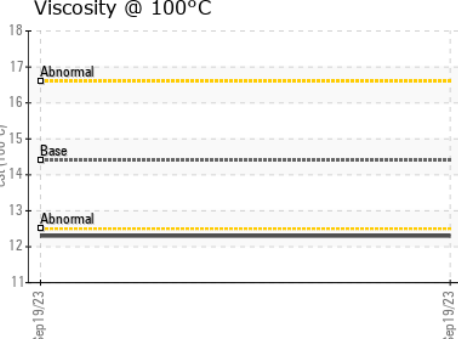
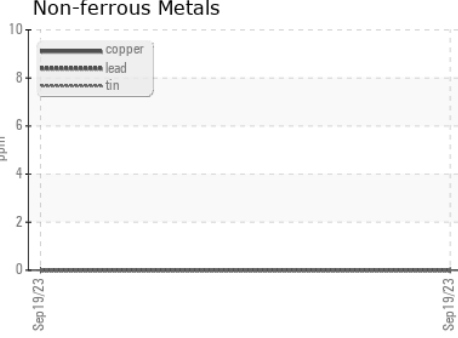
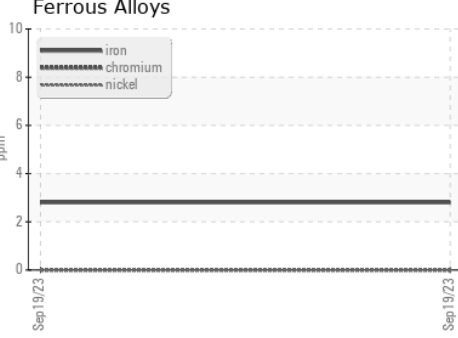
OIL ANALYSIS REPORT



VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	NEG	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 100°C	cSt	ASTM D445	14.4	12.3	---	---

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0847081 **Received** : 29 Sep 2023
Lab Number : **05964482** **Diagnosed** : 03 Oct 2023
Unique Number : 10671033 **Diagnostician** : Wes Davis
Test Package : FLEET (Additional Tests: FuelDilution, PercentFuel)

DOLE FRESH FRUIT
 PO BOX 1689
 GULFPORT, MS
 US 39502
 Contact: JORDAN JOHNSTON
 jordan.johnston@dole.com
 T:
 F: (228)867-2970

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)