



OIL ANALYSIS REPORT

WEAR	<b>ABNORMAL</b>
CONTAMINATION	<b>ABNORMAL</b>
FLUID CONDITION	<b>NORMAL</b>

Area  
**[PAVED]**  
Machine Id  
**CARICON 587CB9R**  
Component  
**Left Final Drive**  
Fluid  
**{not provided} (--- GAL)**

**RECOMMENDATION**

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VKC0001250	---	---
Sample Date		Client Info		07 Jun 2024	---	---
Machine Age	hrs	Client Info		2019	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ABNORMAL	---	---

**WEAR**

Gear wear is indicated.

Iron	ppm	ASTM D5185m	>500	▲ 597	---	---
Chromium	ppm	ASTM D5185m	>10	6	---	---
Nickel	ppm	ASTM D5185m	>10	4	---	---
Titanium	ppm	ASTM D5185m		1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>25	8	---	---
Lead	ppm	ASTM D5185m	>25	▲ 65	---	---
Copper	ppm	ASTM D5185m	>50	▲ 111	---	---
Tin	ppm	ASTM D5185m	>10	6	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

**CONTAMINATION**

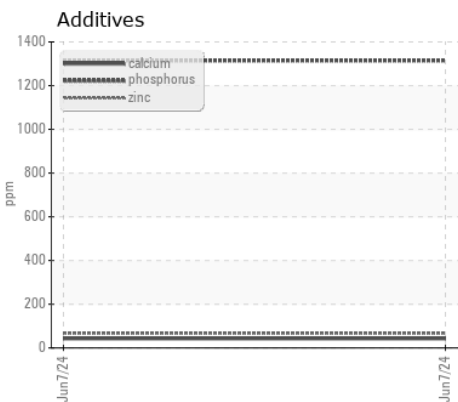
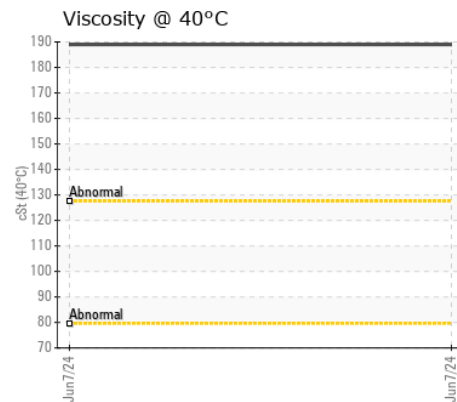
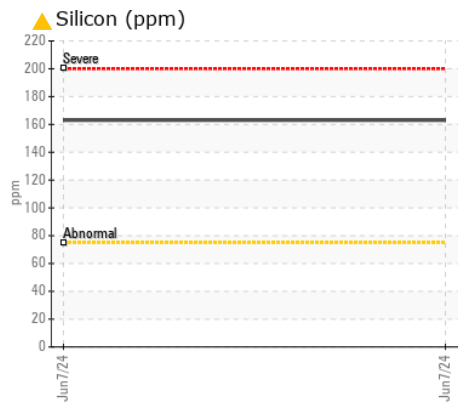
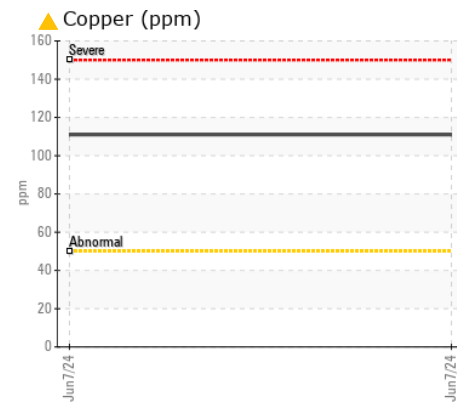
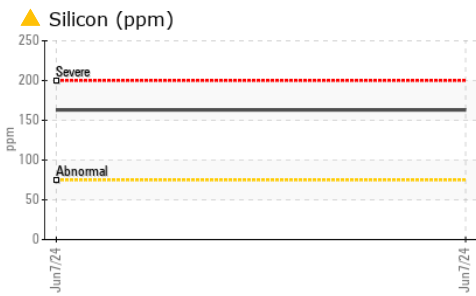
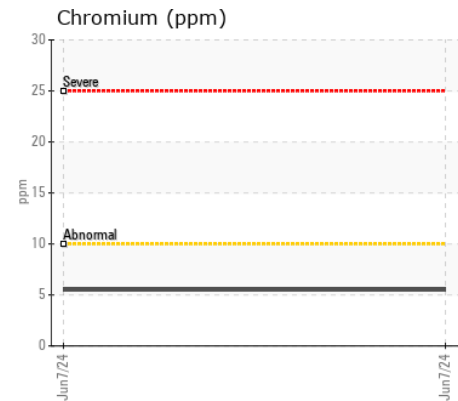
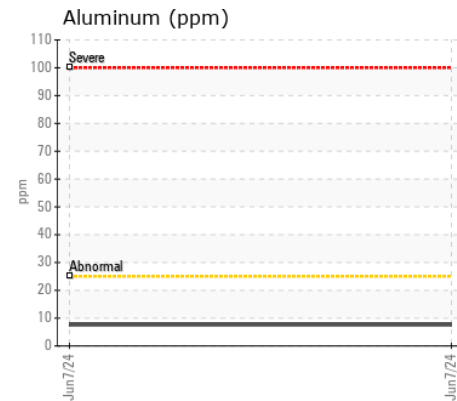
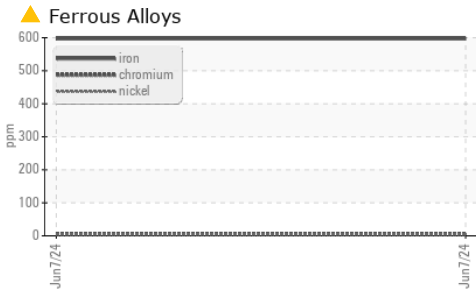
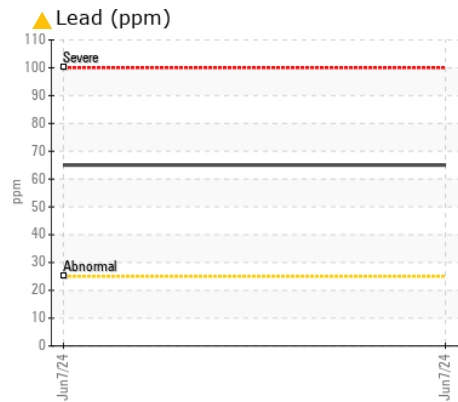
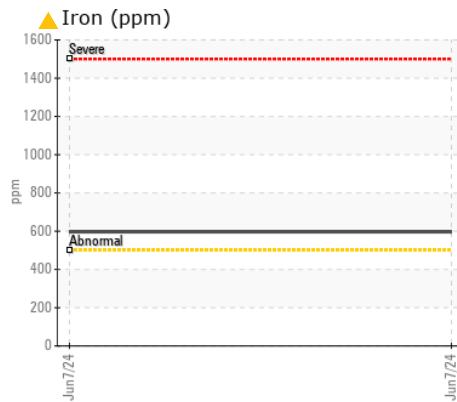
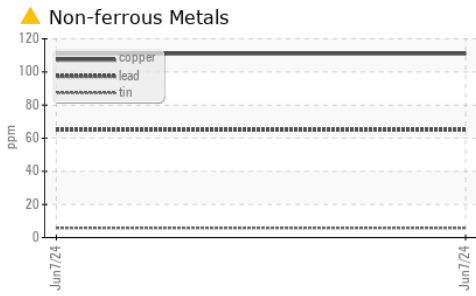
Elemental level of silicon (Si) above normal

Silicon	ppm	ASTM D5185m	>75	▲ 163	---	---
Potassium	ppm	ASTM D5185m	>20	5	---	---
Water		WC Method	>0.2	NEG	---	---
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	---	---

**FLUID CONDITION**

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

Sodium	ppm	ASTM D5185m		23	---	---
Boron	ppm	ASTM D5185m		79	---	---
Barium	ppm	ASTM D5185m		121	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		8	---	---
Magnesium	ppm	ASTM D5185m		7	---	---
Calcium	ppm	ASTM D5185m		43	---	---
Phosphorus	ppm	ASTM D5185m		1315	---	---
Zinc	ppm	ASTM D5185m		67	---	---
Sulfur	ppm	ASTM D5185m		25495	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VKC0001250 **Received** : 17 Jun 2024  
**Lab Number** : 06212679 **Tested** : 19 Jun 2024  
**Unique Number** : 11085543 **Diagnosed** : 19 Jun 2024 - Angela Borella  
**Test Package** : MOBCE

**GW VAN KEPPEL CO**  
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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)