



# OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Machine Id  
**KOHLER KOHLER 30KW**  
Component  
**Diesel Engine**  
Fluid  
**CHEVRON 15W40 (--- GAL)**

## RECOMMENDATION

No corrective action is recommended at this time. 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		WC0827472	---	---
Sample Date		Client Info		25 Jun 2024	---	---
Machine Age	hrs	Client Info		222	---	---
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

Metal levels are typical for a new component breaking in.

Iron	ppm	ASTM D5185m	>100	1	---	---
Chromium	ppm	ASTM D5185m	>20	0	---	---
Nickel	ppm	ASTM D5185m	>4	<1	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m	>3	0	---	---
Aluminum	ppm	ASTM D5185m	>20	2	---	---
Lead	ppm	ASTM D5185m	>40	1	---	---
Copper	ppm	ASTM D5185m	>330	1	---	---
Tin	ppm	ASTM D5185m	>15	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

## CONTAMINATION

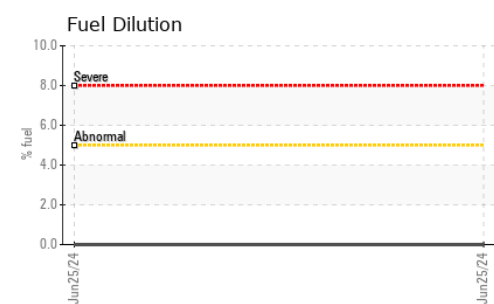
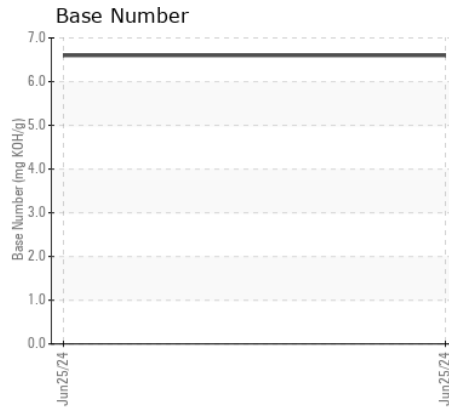
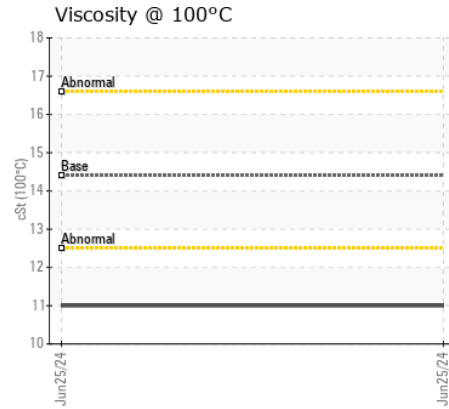
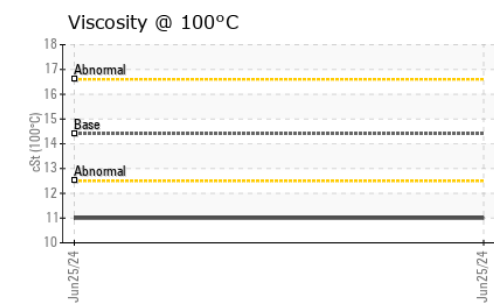
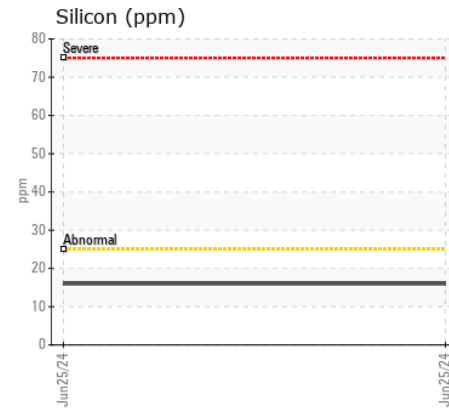
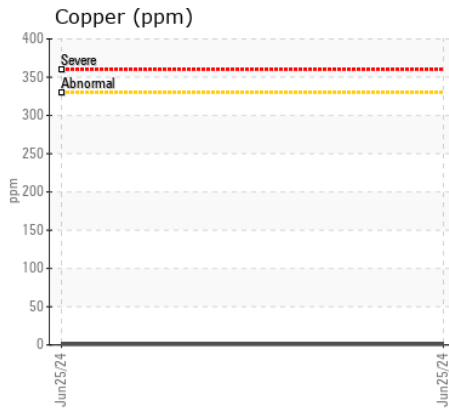
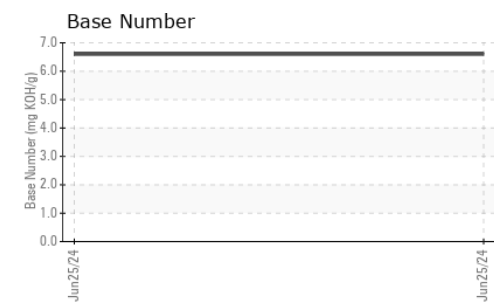
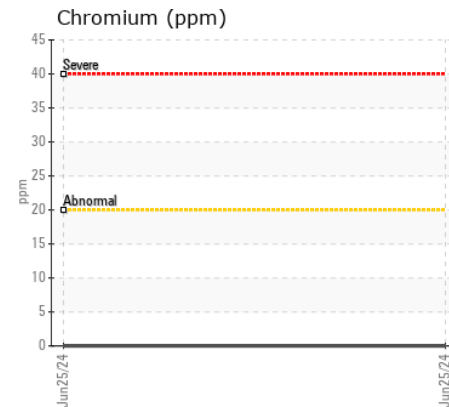
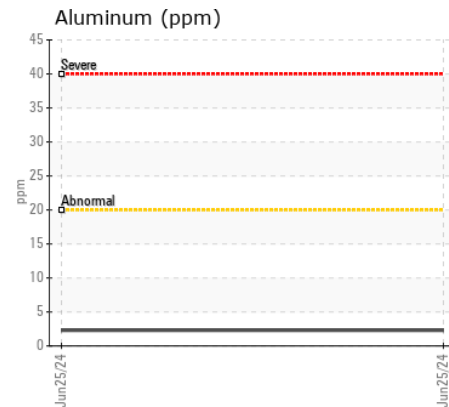
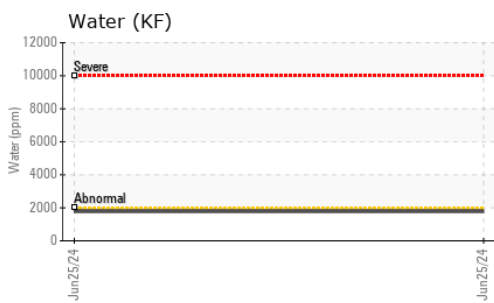
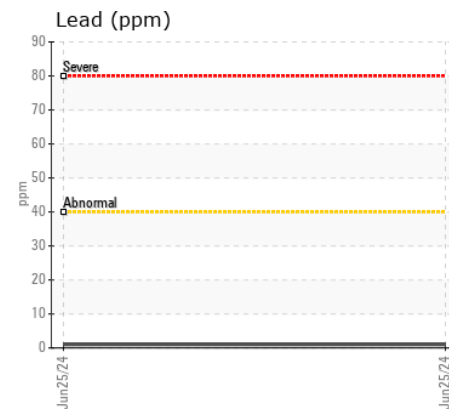
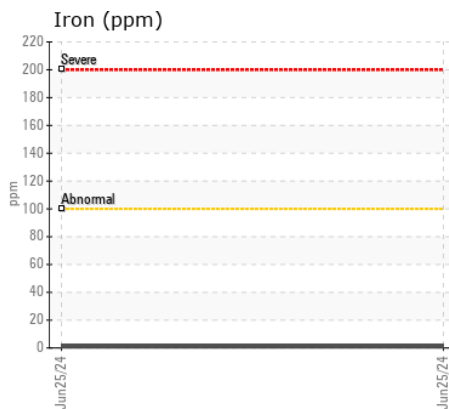
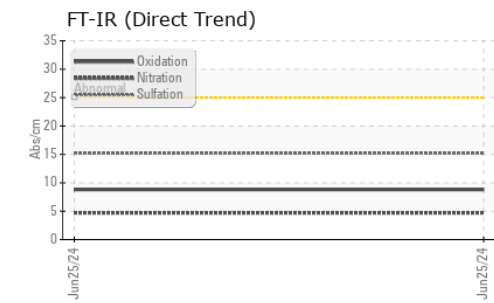
Moderate concentration of visible dirt/debris present in the oil. The water content is negligible.

Silicon	ppm	ASTM D5185m	>25	16	---	---
Potassium	ppm	ASTM D5185m	>20	5	---	---
Fuel	%	ASTM D3524	>5	<1.0	---	---
Water	%	ASTM D6304	>0.2	0.178	---	---
ppm Water	ppm	ASTM D6304	>2000	1780	---	---
Glycol	%	*ASTM D2982		NEG	---	---
Soot %	%	*ASTM D7844	>3	0	---	---
Nitration	Abs/cm	*ASTM D7624	>20	4.7	---	---
Sulfation	Abs/.1mm	*ASTM D7415	>30	15.2	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	MODER	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	0.2%	---	---

## FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

Sodium	ppm	ASTM D5185m	>50	2	---	---
Boron	ppm	ASTM D5185m		185	---	---
Barium	ppm	ASTM D5185m		0	---	---
Molybdenum	ppm	ASTM D5185m		75	---	---
Manganese	ppm	ASTM D5185m		2	---	---
Magnesium	ppm	ASTM D5185m		482	---	---
Calcium	ppm	ASTM D5185m		1157	---	---
Phosphorus	ppm	ASTM D5185m		685	---	---
Zinc	ppm	ASTM D5185m		849	---	---
Sulfur	ppm	ASTM D5185m		3296	---	---
Oxidation	Abs/.1mm	*ASTM D7414	>25	8.8	---	---
Base Number (BN)	mg KOH/g	ASTM D2896		6.6	---	---
Visc @ 100°C	cSt	ASTM D445	14.4	11.0	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0827472  
**Lab Number** : 06220580  
**Unique Number** : 11098777  
**Test Package** : MOB 1 ( Additional Tests: FuelDilution, Glycol, KF, PercentFuel, TBN )

**Received** : 25 Jun 2024  
**Tested** : 10 Jul 2024  
**Diagnosed** : 10 Jul 2024 - Sean Felton

**B & B POULTRY**  
 110 ALMOND RD  
 NORMA, NJ  
 US 08347  
 Contact: MARK FISHER

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:  
F: