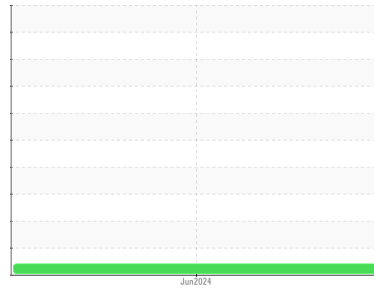




# OIL ANALYSIS REPORT

Sample Rating Trend



VIS DEBRIS



Machine Id

## KOHLER KOHLER 30KW

Component

Diesel Engine

Fluid

CHEVRON 15W40 (--- GAL)

### DIAGNOSIS

#### 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.

#### Wear

Metal levels are typical for a new component breaking in.

#### Contamination

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

#### 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.

### SAMPLE INFORMATION

method	limit/base	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	---
Oil Changed	Client Info	Changed	---	---
Sample Status		ABNORMAL	---	---

### WEAR METALS

method	limit/base	current	history1	history2
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	---
Cadmium	ppm	ASTM D5185m	0	---

### ADDITIVES

method	limit/base	current	history1	history2
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	---

### CONTAMINANTS

method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	16	---
Sodium	ppm	ASTM D5185m >50	2	---
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	---

### INFRA-RED

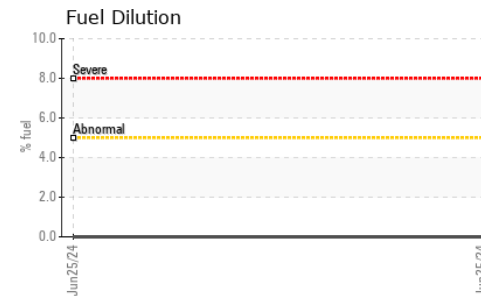
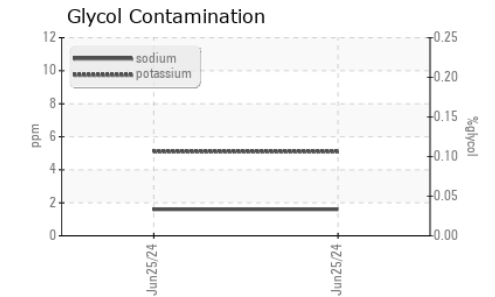
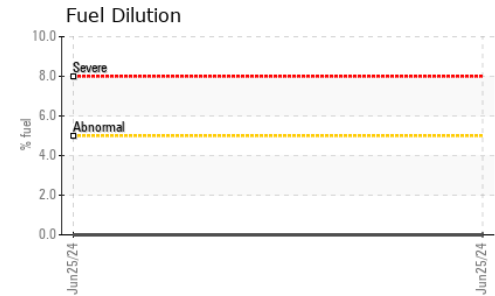
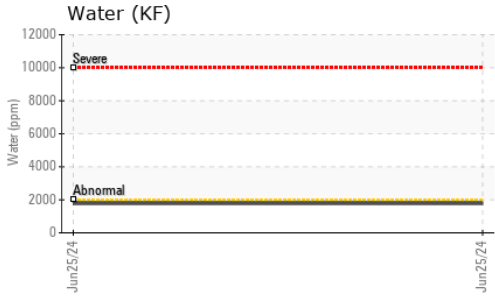
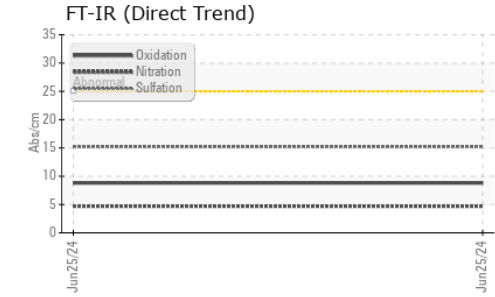
method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844 >3	0	---
Nitration	Abs/cm	*ASTM D7624 >20	4.7	---
Sulfation	Abs/.1mm	*ASTM D7415 >30	15.2	---

### FLUID DEGRADATION

method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414 >25	8.8	---
Base Number (BN)	mg KOH/g	ASTM D2896	6.6	---



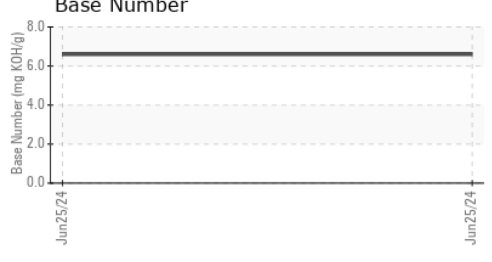
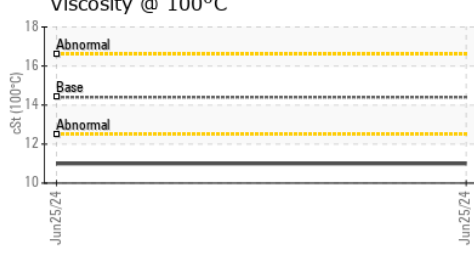
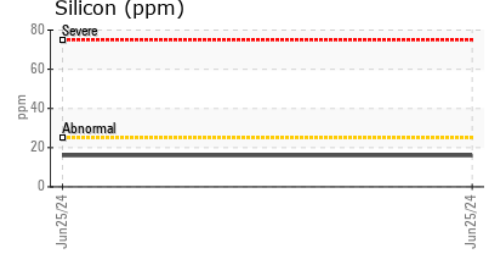
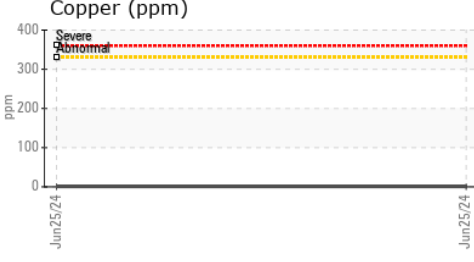
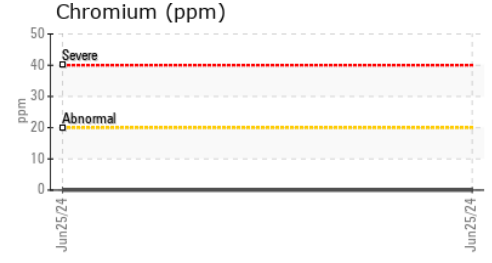
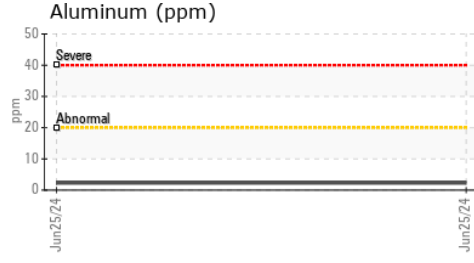
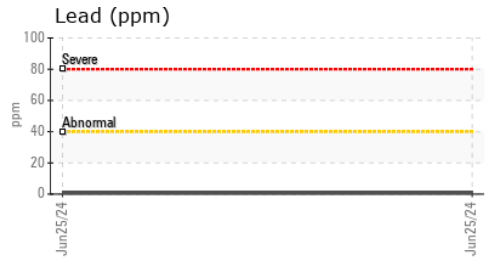
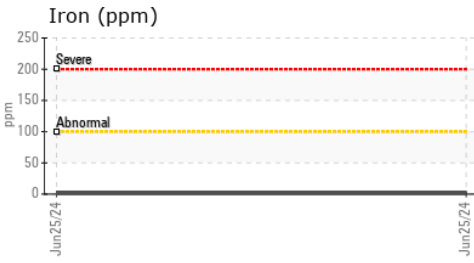
# OIL ANALYSIS REPORT



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	▲ 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%	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 100°C	cSt	ASTM D445	14.4	11.0	---	---

### GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0827472      **Received** : 25 Jun 2024  
**Lab Number** : 06220580      **Tested** : 10 Jul 2024  
**Unique Number** : 11098777      **Diagnosed** : 10 Jul 2024 - Sean Felton  
**Test Package** : MOB 1 ( Additional Tests: FuelDilution, Glycol, KF, PercentFuel, TBN )

**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: