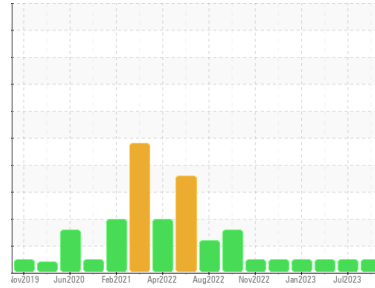




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**KENWORTH 69**

Component  
**Diesel Engine**

Fluid  
**SCHAEFFER SUPREME 7000 (11 GAL)**

## 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			<b>KL0011627</b>	KL0008479	KL0008412
Sample Date	Client Info			<b>08 Sep 2023</b>	27 Jul 2023	06 Jun 2023
Machine Age	mls	Client Info		<b>429650</b>	420290	406623
Oil Age	mls	Client Info		<b>40926</b>	31566	12100
Oil Changed	Client Info			<b>Not Chngd</b>	Not Chngd	Not Chngd
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

CONTAMINATION		method	limit/base	current	history1	history2
Fuel	WC Method		>3.0	<b>&lt;1.0</b>	<1.0	<1.0
Glycol	WC Method			<b>NEG</b>	NEG	NEG

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>165	<b>26</b>	23	9
Chromium	ppm	ASTM D5185m	>5	<b>2</b>	2	1
Nickel	ppm	ASTM D5185m	>4	<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185m	>2	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	>2	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>20	<b>1</b>	4	4
Lead	ppm	ASTM D5185m	>150	<b>9</b>	5	1
Copper	ppm	ASTM D5185m	>90	<b>3</b>	2	3
Tin	ppm	ASTM D5185m	>5	<b>1</b>	<1	1
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Cadmium	ppm	ASTM D5185m		<b>0</b>	0	0

ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		<b>45</b>	59	201
Barium	ppm	ASTM D5185m		<b>0</b>	3	0
Molybdenum	ppm	ASTM D5185m	50	<b>333</b>	315	303
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	<1	1
Magnesium	ppm	ASTM D5185m	1000	<b>554</b>	490	559
Calcium	ppm	ASTM D5185m	1400	<b>1507</b>	1368	1473
Phosphorus	ppm	ASTM D5185m	985	<b>885</b>	821	862
Zinc	ppm	ASTM D5185m	1060	<b>1089</b>	984	1107
Sulfur	ppm	ASTM D5185m	4000	<b>3353</b>	3031	4471

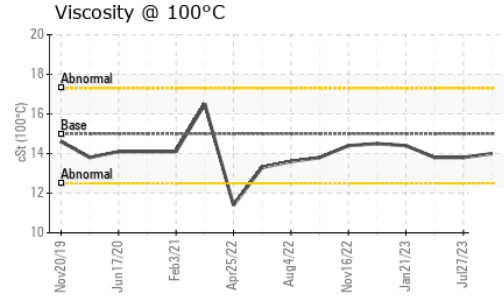
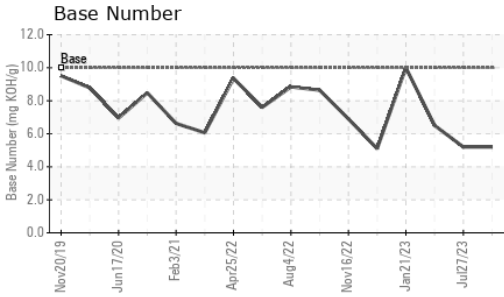
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>35	<b>23</b>	25	23
Sodium	ppm	ASTM D5185m		<b>9</b>	6	2
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	3	3

INFRA-RED		method	limit/base	current	history1	history2
Soot %	%	*ASTM D7844	>7.5	<b>0.4</b>	0.3	0.2
Nitration	Abs/cm	*ASTM D7624	>20	<b>9.5</b>	8.9	8.3
Sulfation	Abs/.1mm	*ASTM D7415	>30	<b>26.3</b>	24.8	23.1

FLUID DEGRADATION		method	limit/base	current	history1	history2
Oxidation	Abs/.1mm	*ASTM D7414	>25	<b>21.3</b>	19.4	18.4
Base Number (BN)	mg KOH/g	ASTM D2896	10	<b>5.2</b>	5.2	6.5



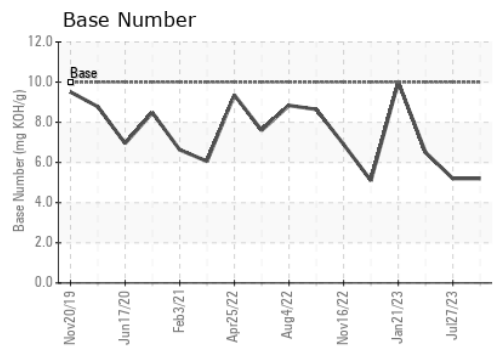
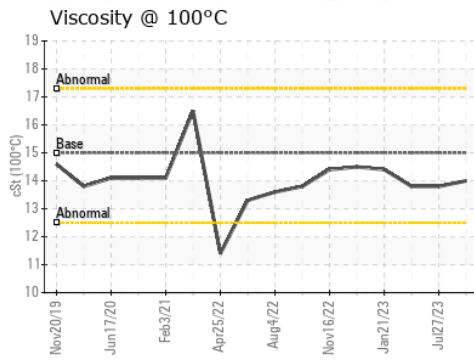
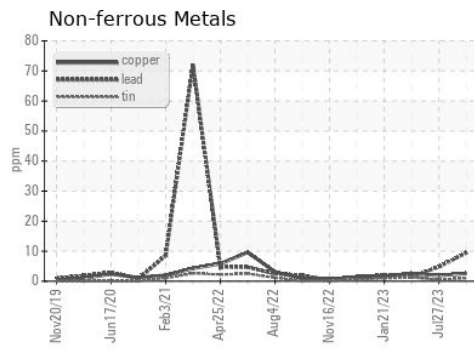
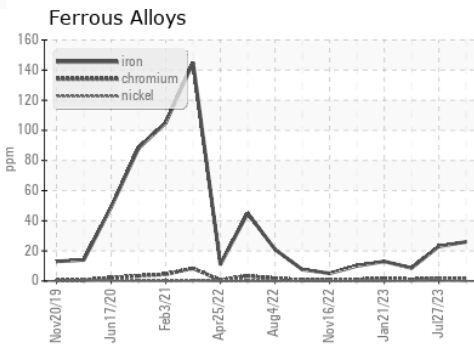
# OIL ANALYSIS REPORT



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	>0.2	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 100°C	cSt	ASTM D445	15	<b>14.0</b>	13.8	13.8

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : KL0011627  
**Lab Number** : **05966934**  
**Unique Number** : 10673485  
**Test Package** : FLEET

**JIMENEZ CUSTOM HARVESTING, INC.**  
 1000 WEST BRADY  
 CLOVIS, NM  
 US 88101  
 Contact: JOHN JIMENEZ  
 juan@sileros.com  
 T: (505)769-2786  
 F: (505)769-1817

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)