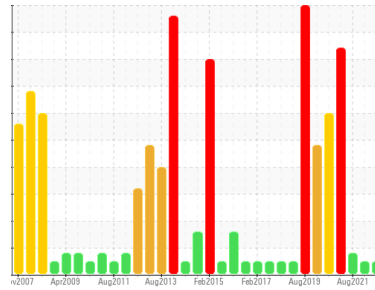




# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Area  
**LFC-1030-CM-01-CM029**  
 Machine Id  
**TB02MT01-1030 - TAKE AWAY BELT #**  
 Component  
**Gearbox**  
 Fluid  
**LE 4220 (--- 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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WC0823791</b>	WC0699141	WC0587025
Sample Date	Client Info		<b>07 Dec 2023</b>	18 Aug 2022	20 Aug 2021
Machine Age	hrs	Client Info	<b>0</b>	0	0
Oil Age	hrs	Client Info	<b>0</b>	0	0
Oil Changed	Client Info		<b>N/A</b>	N/A	N/A
Sample Status			<b>NORMAL</b>	NORMAL	ABNORMAL

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	<b>NEG</b>	NEG	NEG

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >200	<b>184</b>	3	▲ 272
Chromium	ppm	ASTM D5185m >15	<b>2</b>	0	3
Nickel	ppm	ASTM D5185m >15	<b>0</b>	0	<1
Titanium	ppm	ASTM D5185m	<b>0</b>	0	0
Silver	ppm	ASTM D5185m	<b>0</b>	<1	<1
Aluminum	ppm	ASTM D5185m >25	<b>0</b>	2	<1
Lead	ppm	ASTM D5185m >100	<b>0</b>	3	<1
Copper	ppm	ASTM D5185m >200	<b>&lt;1</b>	<1	<1
Tin	ppm	ASTM D5185m >25	<b>0</b>	<1	<1
Antimony	ppm	ASTM D5185m >5	<b>---</b>	---	0
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	0	0
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	0

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<b>0</b>	<1	19
Barium	ppm	ASTM D5185m	<b>0</b>	0	0
Molybdenum	ppm	ASTM D5185m	<b>0</b>	0	<1
Manganese	ppm	ASTM D5185m	<b>1</b>	<1	2
Magnesium	ppm	ASTM D5185m	<b>0</b>	0	2
Calcium	ppm	ASTM D5185m	<b>&lt;1</b>	0	2
Phosphorus	ppm	ASTM D5185m	<b>197</b>	129	245
Zinc	ppm	ASTM D5185m	<b>12</b>	3	10
Sulfur	ppm	ASTM D5185m	<b>1835</b>	1254	3707

## CONTAMINANTS

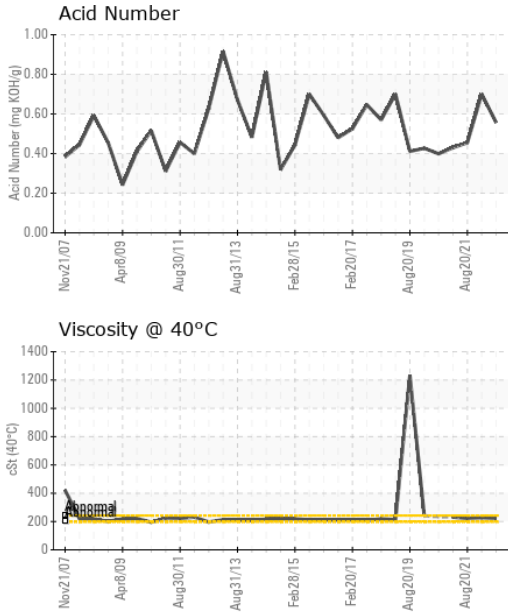
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<b>35</b>	<1	6
Sodium	ppm	ASTM D5185m	<b>19</b>	0	181
Potassium	ppm	ASTM D5185m >20	<b>6</b>	0	4

## FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	<b>0.557</b>	0.70	0.455



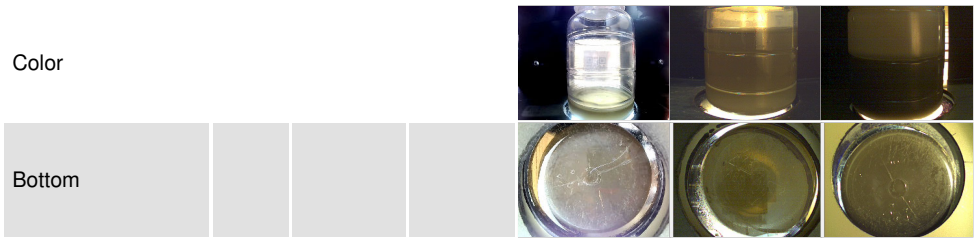
# OIL ANALYSIS REPORT



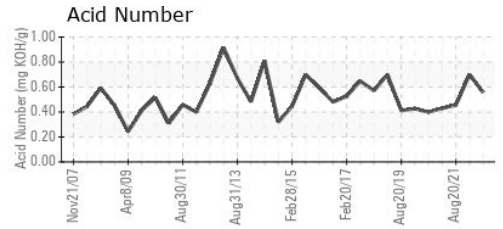
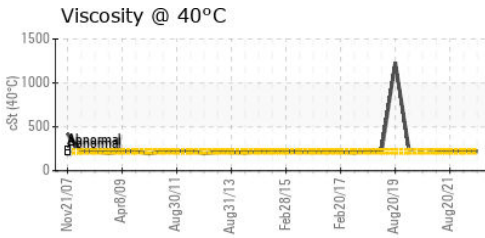
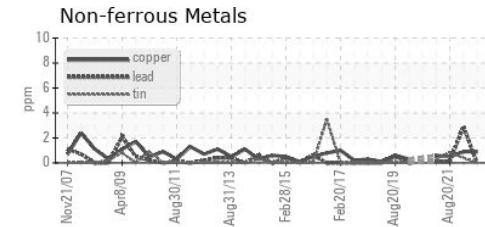
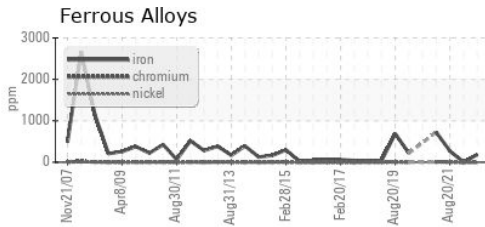
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	VLITE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	VLITE
Debris	scalar	*Visual	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	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 @ 40°C	cSt	ASTM D445	221	227	222

SAMPLE IMAGES	method	limit/base	current	history1	history2
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## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0823791 **Received** : 08 Dec 2023  
**Lab Number** : 06029502 **Diagnosed** : 12 Dec 2023  
**Unique Number** : 10779293 **Diagnostician** : Don Baldrige  
**Test Package** : IND 2

**LEPRINO FOODS - ALLENDALE**  
 4700 RICH STREET  
 ALLENDALE, MI  
 US 49401  
 Contact: BILL FERRIER  
 BFERRIER@LEPRINOFOODS.COM

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)