

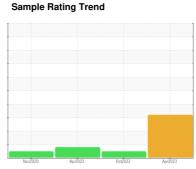
OIL ANALYSIS REPORT

CHEESE DEPT [1714447] **SL75AG21GB21**

Component

Agitator Gearbox

{not provided} (--- GAL)





DIAGNOSIS

Recommendation

We advise that you check for the source of water entry. Check seals and/or filters for points of contaminant entry. Inspect/change air breather if applicable. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition.

Wear

Gear wear is indicated.

Contamination

Appearance is unacceptable There is a light concentration of water present in the oil.

Fluid Condition

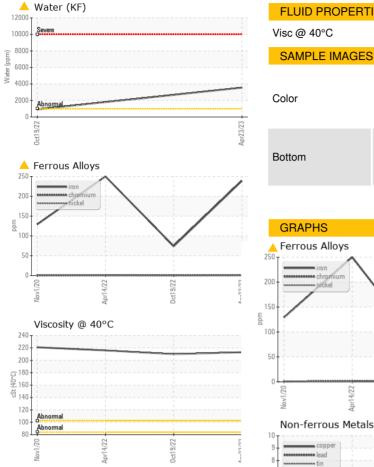
The oil is no longer serviceable due to the presence of contaminants.

Sample Date Client Info Q3 Apr 2023 19 Oct 2022 14 Apr 2022			Nov202	0 Apr2022	0ct2022 A	pr2023	
Sample Date	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Machine Age Client Info 0 0 0 Oil Age Client Info 0 0 0 Oil Changed Client Info N/A N/A N/A Sample Status ABNORMAL ABNORMAL ABNORMAL WEAR METALS method limit/bass current history1 history2 Iron ppm ASTM D5185m >150 239 74 250 Chromium ppm ASTM D5185m >10 <1	Sample Number		Client Info		WC0805928	WC0747457	WC0685563
Oil Age Client Info 0 0 0 Oil Changed Status Client Info N/A N/A N/A N/A Sample Status method limit/base current history1 history2 WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >150 4 239 74 △ 250 Chromium ppm ASTM D5185m >10 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <t< td=""><td>Sample Date</td><td></td><td>Client Info</td><td></td><th>23 Apr 2023</th><td>19 Oct 2022</td><td>14 Apr 2022</td></t<>	Sample Date		Client Info		23 Apr 2023	19 Oct 2022	14 Apr 2022
Cilient Info	Machine Age		Client Info		0	0	0
MEAR METALS	Oil Age		Client Info		0	0	0
WEAR METALS	Oil Changed		Client Info		N/A	N/A	N/A
Chromium	Sample Status				ABNORMAL	NORMAL	ABNORMAL
Chromium ppm ASTM D5185m >10 <1	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>150	239	74	<u>^</u> 250
Silver	Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Silver	Nickel	ppm	ASTM D5185m	>10	<1	0	0
Aluminum ppm ASTM D5185m >25 0 <1 1 Lead ppm ASTM D5185m >100 <1	Titanium	ppm	ASTM D5185m		<1	<1	<1
Lead ppm ASTM D5185m >100 <1 0 0 Copper ppm ASTM D5185m >50 <1 <1 <1 Tin ppm ASTM D5185m >50 <1 <1 <1 Vanadium ppm ASTM D5185m >5 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 <1 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 <1 1 0 ADDITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 2 1 1 1	Silver	ppm	ASTM D5185m		0	0	<1
Copper ppm ASTM D5185m >50 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	Aluminum	ppm	ASTM D5185m	>25	0	<1	1
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Barium ppm ASTM D5185m 0 <1	ADDITIVES		method	limit/base	current	history1	history2
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Manganese ppm ASTM D5185m 2 <1 2 Magnesium ppm ASTM D5185m 1 <1	Barium	ppm	ASTM D5185m		0	<1	0
Magnesium ppm ASTM D5185m 1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <td>Molybdenum</td> <td>ppm</td> <td>ASTM D5185m</td> <td></td> <th><1</th> <td><1</td> <td><1</td>	Molybdenum	ppm	ASTM D5185m		<1	<1	<1
Calcium ppm ASTM D5185m 13 3 12 Phosphorus ppm ASTM D5185m 232 203 267 Zinc ppm ASTM D5185m 132 81 137 Sulfur ppm ASTM D5185m 12589 12650 9930 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 9 4 10 Sodium ppm ASTM D5185m >50 9 4 10 Sodium ppm ASTM D5185m >20 2 <1	Manganese	ppm	ASTM D5185m		2	<1	2
Phosphorus ppm ASTM D5185m 232 203 267 Zinc ppm ASTM D5185m 132 81 137 Sulfur ppm ASTM D5185m 12589 12650 9930 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 9 4 10 Sodium ppm ASTM D5185m >50 9 4 10 Sodium ppm ASTM D5185m >20 2 <1 1 Potassium ppm ASTM D5185m >20 2 <1 1 Water % ASTM D5185m >0.1 0.356 0.092 <	Magnesium	ppm	ASTM D5185m		1	<1	<1
Zinc ppm ASTM D5185m 132 81 137 Sulfur ppm ASTM D5185m 12589 12650 9930 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 9 4 10 Sodium ppm ASTM D5185m >50 9 4 10 Potassium ppm ASTM D5185m >20 2 <1 1 Water % ASTM D5185m >20 2 <1 1	Calcium	ppm	ASTM D5185m		13	3	12
Sulfur ppm ASTM D5185m 12589 12650 9930 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 9 4 10 Sodium ppm ASTM D5185m 0 <1	Phosphorus	ppm	ASTM D5185m		232	203	267
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >50 9 4 10 Sodium ppm ASTM D5185m 0 <1 <1 Potassium ppm ASTM D5185m >20 2 <1 1 Water % ASTM D6304 >0.1 ▲ 0.356 0.092 ppm Water ppm ASTM D6304 >1000 ▲ 3560 920 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE MODER NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NONE NONE NONE NONE NONE NONE NONE NON	Zinc	ppm	ASTM D5185m		132	81	137
Silicon	Sulfur	ppm	ASTM D5185m		12589	12650	9930
Sodium ppm ASTM D5185m 0 <1	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 2 <1 1 Water % ASTM D6304 >0.1 0.356 0.092 ppm Water ppm ASTM D6304 >1000 3560 920 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE MODER NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML MILKY NORML NORML Odor scalar *Visual NORML NORML NORML NORML	Silicon	ppm	ASTM D5185m	>50	9	4	10
Water	Sodium	ppm	ASTM D5185m		0	<1	<1
VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE MODER NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE Sand/Dirt scalar *Visual NORML MILKY NORML NORML Odor scalar *Visual NORML NORML NORML NORML	Potassium	ppm	ASTM D5185m	>20	2	<1	1
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Precipitate scalar *Visual NONE LIGHT Debris scalar *Visual NONE NORML NORML <td>White Metal</td> <td>scalar</td> <td>*Visual</td> <td>NONE</td> <th>MODER</th> <td>NONE</td> <td>NONE</td>	White Metal	scalar	*Visual	NONE	MODER	NONE	NONE
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Debris scalar *Visual NONE NONE NONE LIGHT Sand/Dirt scalar *Visual NONE NONE NONE NONE NONE Appearance scalar *Visual NORML MILKY NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML NORML	Silt	scalar	*Visual	NONE	NONE	MODER	NONE
Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML ▲ MILKY NORML NORML Odor scalar *Visual NORML NORML NORML NORML NORML	Debris					NONE	LIGHT
Appearance scalar *Visual NORML ▲ MILKY NORML NORML Odor scalar *Visual NORML NORML NORML NORML NORML	Sand/Dirt						
Odor scalar *Visual NORML NORML NORML NORML	Appearance						
	Odor						
	Emulsified Water	scalar	*Visual	>0.1	0.2%	0.2%	NEG
	Free Water			-			

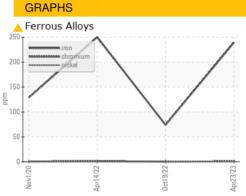
Submitted By: MICHAEL VILLASENOR

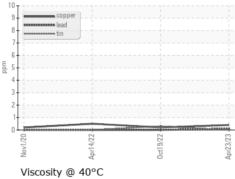


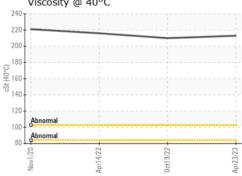
OIL ANALYSIS REPORT













Laboratory Sample No. Unique Number : 10465870

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 05841763

: WC0805928

Test Package: IND 1 (Additional Tests: KF)

Received **Tested** Diagnosed

: 08 May 2023 : 10 May 2023

: 10 May 2023 - Angela Borella

LEPRINO FOODS-GREELEY 1302 1ST AVE

GREELEY, CO US 80631-5909

F: (970)347-5190

Contact: ERIC KLINE

EKLINE@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)

T: