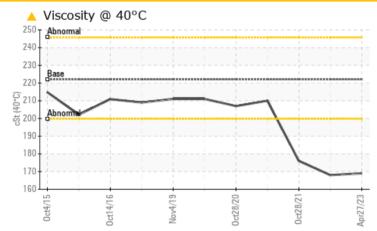


Component Hydraulic System Fluid MOBIL SHC CIBUS 220 (--- GAL)

COMPONENT CONDITION SUMMARY



RECOMMENDATION

No corrective action is recommended at this time. Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS								
Sample Status				ATTENTION	ATTENTION	ATTENTION		
Visc @ 40°C	cSt	ASTM D445	222	🔺 169	1 68	▲ 176.0		

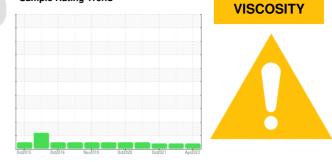
Customer Id: LEPGRE Sample No.: WC0814137 Lab Number: 05841767 Test Package: IND 1



To manage this report scan the QR code

To discuss the diagnosis or test data: Angela Borella +1 800-237-1369 angela.borella@wearcheckusa.com

To change component or sample information: Customer Service +1 1-800-237-1369 customerservice@wearcheck.com



RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

03 May 2022 Diag: Jonathan Hester



No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

28 Oct 2021 Diag: Jonathan Hester



No corrective action is recommended at this time. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. Confirm oil type.

29 Apr 2021 Diag: Jonathan Hester



Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



view report

view report





OIL ANALYSIS REPORT

Sample Rating Trend

VISCOSITY

CHEESE DEPT [1723334] VAT03AG01-PRIM Component

Hydraulic System MOBIL SHC CIBUS 220 (--- GAL)

DIAGNOSIS

A Recommendation

No corrective action is recommended at this time. 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.

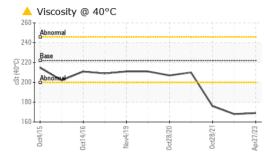
Fluid Condition

The oil viscosity is lower than normal. Confirm oil type.

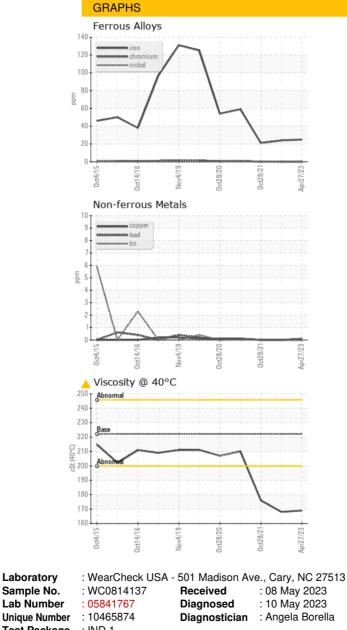
		Oct2015	Oct2016 Nov2019	Oct2020 Oct2021	Apr2023	
SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0814137	WC0687444	WC0629333
Sample Date		Client Info		27 Apr 2023	03 May 2022	28 Oct 2021
Machine Age	mths	Client Info		0	0	0
Oil Age	mths	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				ATTENTION	ATTENTION	ATTENTION
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>20	25	24	21
Chromium	ppm	ASTM D5185m	>20	0	0	<1
Nickel	ppm	ASTM D5185m	>20	<1	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	<1	<1
Aluminum	ppm	ASTM D5185m	>20	0	<1	0
_ead	ppm	ASTM D5185m	>20	0	0	0
Copper	ppm	ASTM D5185m		<1	0	0
Tin	ppm	ASTM D5185m	>20	0	0	0
Antimony	ppm	ASTM D5185m	0			0
/anadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
	ppin			-	-	
ADDITIVES		method	limit/base		history1	history2
Boron	ppm	ASTM D5185m		6	6	0
Barium	ppm	ASTM D5185m		0	0	0
•	ppm	ASTM D5185m		0	0	0
Vanganese		ASTM D5185m ASTM D5185m		0 <1	<1	<1
Manganese Magnesium	ppm			-		
Manganese Magnesium	ppm ppm	ASTM D5185m		<1	<1	<1
Manganese Magnesium Calcium	ppm ppm ppm	ASTM D5185m ASTM D5185m		<1 <1	<1 0	<1 0
Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		<1 <1 4	<1 0 4	<1 0 0
Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		<1 <1 4 511	<1 0 4 522	<1 0 0 551
Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	<1 <1 4 511 25 2479	<1 0 4 522 23	<1 0 0 551 <1
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		<1 <1 4 511 25 2479	<1 0 4 522 23 2010	<1 0 0 551 <1 1344
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method		<1 <1 4 511 25 2479 current	<1 0 4 522 23 2010 history1	<1 0 0 551 <1 1344 history2
Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m	>15	<1 <1 4 511 25 2479 current 3	<1 0 4 522 23 2010 history1 3	<1 0 0 551 <1 1344 history2 2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m method ASTM D5185m ASTM D5185m	>15	<1 <1 4 511 25 2479 current 3 0 1	<1 0 4 522 23 2010 history1 3 0	<1 0 551 <1 1344 history2 2 0
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>15 >20	<1 <1 4 511 25 2479 current 3 0 1	<1 0 4 522 23 2010 history1 3 0 0	<1 0 551 <1 1344 history2 2 0 0
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>15 >20 limit/base	<1 <1 <1 4 511 25 2479 current 3 0 1 current	<1 0 4 522 23 2010 history1 3 0 0 0 history1	<1 0 0 551 <1 1344 history2 2 0 0 0 0 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m XSTM D5185m	>15 >20 limit/base NONE	<1 <1 <1 4 511 25 2479 current 3 0 1 current NONE	<1 0 4 522 23 2010 history1 3 0 0 0 history1 NONE	<1 0 0 551 <1 1344 history2 2 0 0 0 0 history2 NONE
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Yisual	>15 >20 limit/base NONE NONE	<1 <1 <1 4 511 25 2479 current 3 0 1 current NONE NONE NONE	<1 0 4 522 23 2010 history1 3 0 0 0 history1 NONE NONE	<1 0 0 551 <1 1344 history2 2 0 0 0 history2 NONE NONE
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual	>15 >20 limit/base NONE NONE NONE	<1 <1 <1 <4 511 25 2479 current 3 0 1 current NONE NONE NONE NONE	<1 0 4 522 23 2010 history1 3 0 0 0 history1 NONE NONE NONE NONE	<1 0 0 551 <1 1344 history2 2 0 0 0 history2 NONE NONE NONE NONE
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE NONE	<1 <1 4 511 25 2479 current 3 0 1 1 current NONE NONE NONE NONE NONE	<1 0 4 522 23 2010 history1 3 0 0 0 history1 NONE NONE NONE NONE NONE	<1 0 0 551 <1 1344 history2 2 0 0 0 history2 NONE NONE NONE NONE NONE
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE NONE NONE	<1 <1 4 511 25 2479 current 3 0 1 2 0 1 1 current NONE NONE NONE NONE NONE NONE NONE	<1 0 4 522 23 2010 history1 3 0 0 0 history1 NONE NONE NONE NONE NONE NONE NONE	<1 0 0 551 <1 1344 2 0 0 0 Vistory2 2 0 0 0 Vistory2 NONE NONE NONE NONE NONE VLITE
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt Appearance	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE NONE NONE NONE	<1 <1 <1 4 511 25 2479 current 3 0 1 current NONE NORML 	<1 0 4 522 23 2010 history1 3 0 0 0 history1 NONE NONE NONE NONE NONE NONE NONE NON	<1 0 0 551 <1 1344 history2 2 0 0 0 history2 2 0 0 0 VITE NONE NONE NONE NONE NONE NONE NONE NO
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>15 >20 Iimit/base NONE NONE NONE NONE NONE NONE NONE NON	<1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <	<1 0 4 522 23 2010 history1 3 0 0 0 history1 NONE NONE NONE NONE NONE NONE NONE NON	<1 0 0 551 <1 1344 history2 2 0 0 0 history2 2 0 0 0 VIITE NONE NONE VLITE NONE VLITE NONE NONE



OIL ANALYSIS REPORT



FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	222	169	168	▲ 176.0
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color						
Bottom						\bigcirc



LEPRINO FOODS-GREELEY 1302 1ST AVE GREELEY, CO US 80631-5909 Contact: ERIC KLINE EKLINE@LEPRINOFOODS.COM T: F: (970)347-5190



Test Package : IND 1 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)

Laboratory

Submitted By: MICHAEL VILLASENOR

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