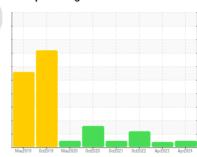


OIL ANALYSIS REPORT

Sample Rating Trend







WHEY Machine to NF01PP31BB01 Component

Component **Bearing**

MOBIL SHC 626 (--- QTS)

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 condition of the oil is acceptable for the time in service.

SAMPLE INFORM	ATION	method	limit/base	Ol tree not	history	hiotoryO
	ATION		ilmit/base	current	history1	history2
Sample Number		Client Info		WC0927462	WC0805912	WC0747505
Sample Date		Client Info		16 Apr 2024	21 Apr 2023	18 Oct 2022
3-	hrs	Client Info		0	0	0
- 3-	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	ABNORMAL	ABNORMAL
CONTAMINATION		method	limit/base	current	history1	history2
Water		WC Method	>2	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>20	0	1	1
Chromium	ppm	ASTM D5185m	>20	0	0	0
Nickel	ppm	ASTM D5185m	>20	0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>20	0	0	<1
Lead	ppm	ASTM D5185m	>20	0	0	<1
Copper	ppm	ASTM D5185m	>20	0	<1	<1
Tin	ppm	ASTM D5185m	>20	0	0	<1
Antimony	ppm	ASTM D5185m				
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum		ACTM DE10Ess		0	0	0
•	ppm	ASTM D5185m		U	U	0
	ppm	ASTM D5185m		0	<1	<1
Manganese				-	-	
Manganese Magnesium	ppm	ASTM D5185m		0	<1	<1
Manganese Magnesium Calcium	ppm ppm	ASTM D5185m ASTM D5185m		0	<1 2	<1 0
Manganese Magnesium Calcium Phosphorus	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		0 0 0	<1 2 <1	<1 0 0
Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 0 0 431	<1 2 <1 438	<1 0 0 459
Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 0 0 431 1	<1 2 <1 438 2	<1 0 0 459
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base >15	0 0 0 431 1	<1 2 <1 438 2 43	<1 0 0 459 2 30
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 ASTM D5185m		0 0 0 431 1 0	<1 2 <1 438 2 43 history1	<1 0 0 459 2 30 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m		0 0 0 431 1 0 current	<1 2 <1 438 2 43 history1 0	<1 0 0 459 2 30 history2
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m	>15	0 0 0 431 1 0 current 0	<1 2 <1 438 2 43 history1 0 <1	<1 0 0 459 2 30 history2 <1
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm ppm	ASTM D5185m	>15 >20 limit/base NONE	0 0 0 431 1 0 current 0 <1 0	<1 2 <1 438 2 43 history1 0 <1 0 history1 MODER	<1 0 0 459 2 30 history2 <1 1 1 4 history2 NONE
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m Method *Visual *Visual	>15 >20 limit/base	0 0 0 431 1 0 current 0 <1 0	<1 2 <1 438 2 43 history1 0 <1 0 history1	<1 0 0 459 2 30 history2 <1 1 4
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method	>15 >20 limit/base NONE	0 0 0 431 1 0 current 0 <1 0 current NONE NONE	<1 2 <1 438 2 43 history1 0 <1 0 history1 MODER	<1 0 0 459 2 30 history2 <1 1 1 4 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	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Method ASTM D5185m ASTM D5185m Method *Visual *Visual	>15 >20 limit/base NONE NONE	0 0 0 431 1 0 current 0 <1 0 current NONE NONE	<1 2 <1 438 2 43 history1 0 <1 0 history1 MODER NONE	<1 0 0 459 2 30 history2 <1 1 4 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 scalar scalar	ASTM D5185m Method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE	0 0 0 431 1 0 current 0 <1 0 current NONE NONE	<1 2 <1 438 2 43 history1 0 <1 0 history1 MODER NONE NONE	<1 0 0 459 2 30 history2 <1 1 4 history2 NONE NONE NONE
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris	ppm	ASTM D5185m Method ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE NONE	0 0 0 431 1 0 current 0 <1 0 current NONE NONE NONE NONE	<1 2 <1 438 2 43 history1 0 <1 0 history1 MODER NONE NONE NONE	<1 0 0 459 2 30 history2 <1 1 4 history2 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	ASTM D5185m Method ASTM D5185m ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE NONE NONE NONE	0 0 0 431 1 0 current 0 <1 0 current NONE NONE NONE NONE LIGHT	<1 2 <1 438 2 43 history1 0 <1 0 history1 MODER NONE NONE NONE MODER	<1 0 0 459 2 30 history2 <1 1 4 history2 NONE NONE NONE NONE NONE MODER
Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal Yellow Metal Precipitate Silt Debris Sand/Dirt	ppm	ASTM D5185m Method ASTM D5185m ASTM D5185m *Visual	>15 >20 limit/base NONE NONE NONE NONE NONE NONE NONE NON	0 0 0 431 1 0 current 0 <1 0 current NONE NONE NONE NONE NONE LIGHT NONE	<1 2 <1 2 <1 438 2 43 history1 0 <1 0 MODER NONE NONE NONE NONE NONE NONE NONE	<1 0 0 459 2 30 history2 <1 1 4 history2 NONE NONE NONE NONE NONE NONE NONE NON

Emulsified Water

scalar *Visual

scalar *Visual

>2

NEG

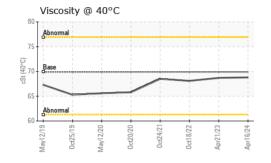
NEG

0.2%

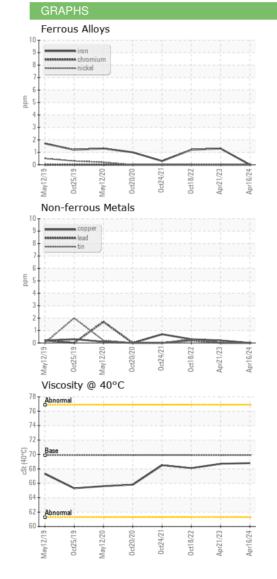
ed By HAICHAEL VILLASENOR



OIL ANALYSIS REPORT











Certificate 12367

Laboratory Sample No. Lab Number : 06158642 Unique Number : 10994065

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : WC0927462

Test Package : IND 1

Received : 23 Apr 2024

Tested : 24 Apr 2024

Diagnosed : 25 Apr 2024 - Jonathan Hester

Contact: ERIC KLINE EKLINE@LEPRINOFOODS.COM

LEPRINO FOODS-GREELEY

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)

1302 1ST AVE

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