

# **OIL ANALYSIS REPORT**

# **WHEY** [1857674] PO01PP03BB01

Component **Bearing** Fluid

**MOBIL SHC 626 (--- QTS)** 

Sample Rating Trend



### Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

### Contamination

There is no indication of any contamination in the

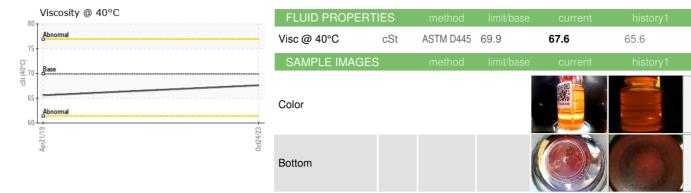
### **Fluid Condition**

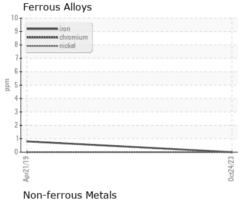
The condition of the oil is acceptable for the time in service.

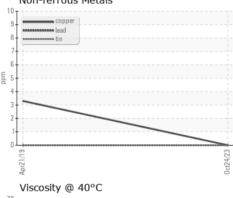
SAMPLE INFORMATION   method   limit/base   current   history1   history2				Apr2019	0 ct2 023		
Sample Date   Client Info   Q4 Oct 2023   21 Apr 2019	SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Date   Client Info   Q4 Oct 2023   21 Apr 2019	Sample Number		Client Info		WC0864106	WC04706221	
Oil Age         hrs         Client Info         N/A         N/A            Oil Changed         Client Info         N/A         N/A            Sample Status         Client Info         N/A         N/A            WEAR METALS         method         limit/base         current         history2           Iron         ppm         ASTM D5185m         >20         0         <1			Client Info		24 Oct 2023	21 Apr 2019	
Oil Changed Sample Status         Client Info         N/A         N/A            WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >20         0         <1	Machine Age	hrs	Client Info		0	0	
Oil Changed Sample Status         Client Info         N/A         N/A	Oil Age	hrs	Client Info		0	0	
Sample Status         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185m         >20         0         <1			Client Info		N/A	N/A	
Iron					NORMAL	NORMAL	
Chromium         ppm         ASTM D5185m         >20         0         0            Nickel         ppm         ASTM D5185m         >20         0         0            Titanium         ppm         ASTM D5185m         0         0         0            Silver         ppm         ASTM D5185m         >20         0         0            Aluminum         ppm         ASTM D5185m         >20         0         0            Aluminum         ppm         ASTM D5185m         >20         0         0            Lead         ppm         ASTM D5185m         >20         0         3            Tin         ppm         ASTM D5185m         >20         0         0            Antimony         ppm         ASTM D5185m         0         0            Vanadium         ppm         ASTM D5185m         0         0            Cadmium         ppm         ASTM D5185m         0         0            Boron         ppm         ASTM D5185m         0         0            Molybdenum         <	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>20	0	<1	
Titanium         ppm         ASTM D5185m         0         0            Silver         ppm         ASTM D5185m         0         0            Aluminum         ppm         ASTM D5185m         >20         0         0            Lead         ppm         ASTM D5185m         >20         0         0            Copper         ppm         ASTM D5185m         >20         0         0            Tin         ppm         ASTM D5185m         >20         0         0            Antimony         ppm         ASTM D5185m         0         0            Vanadium         ppm         ASTM D5185m         0         0            Cadmium         ppm         ASTM D5185m         0         0            ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0            Mangaeium         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         2	Chromium	ppm	ASTM D5185m	>20	0	0	
Silver         ppm         ASTM D5185m         0         0            Aluminum         ppm         ASTM D5185m         >20         0         0            Lead         ppm         ASTM D5185m         >20         0         0            Copper         ppm         ASTM D5185m         >20         0         0            Tin         ppm         ASTM D5185m         >20         0         0            Antimony         ppm         ASTM D5185m         0         0            Vanadium         ppm         ASTM D5185m         0         0            Cadmium         ppm         ASTM D5185m         0         0            ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0            Barium         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0	Nickel	ppm	ASTM D5185m	>20	0	0	
Aluminum	Titanium	ppm	ASTM D5185m		0	0	
Lead	Silver	ppm	ASTM D5185m		0	0	
Copper         ppm         ASTM D5185m         >20         0         3            Tin         ppm         ASTM D5185m         >20         0         0            Antimony         ppm         ASTM D5185m         0         0            Vanadium         ppm         ASTM D5185m         0         0            Cadmium         ppm         ASTM D5185m         0         0            Cadmium         ppm         ASTM D5185m         0         0            Boron         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         0         0            Phosphorus         ppm         ASTM D5185m         2         -1            Phosphorus         ppm         ASTM D5185m         2         -1	Aluminum	ppm	ASTM D5185m	>20	0	0	
Tin         ppm         ASTM D5185m         >20         0         0            Antimony         ppm         ASTM D5185m          0            Vanadium         ppm         ASTM D5185m         0         0            Cadmium         ppm         ASTM D5185m         0         0            ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0            Barium         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         2         -1            Calcium         ppm         ASTM D5185m         2         -1            Phosphorus         ppm         ASTM D5185m         2             Sulfur         ppm         ASTM D5185m         2         2	Lead	ppm	ASTM D5185m	>20	0	0	
Tin         ppm         ASTM D5185m         >20         0         0            Antimony         ppm         ASTM D5185m         0         0            Vanadium         ppm         ASTM D5185m         0         0            Cadmium         ppm         ASTM D5185m         0         0            ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0            Barium         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0         0            Manganese         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         0         0            Phosphorus         ppm         ASTM D5185m         2         -1            Phosphorus         ppm         ASTM D5185m         2         2            Sulfur         ppm         ASTM D5185m         0         0	Copper	ppm	ASTM D5185m	>20	0	3	
Vanadium         ppm         ASTM D5185m         0         0            ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0         0            Manganese         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         2         <1            Magnesium         ppm         ASTM D5185m         2         <1            Phosphorus         ppm         ASTM D5185m         2         <1            Phosphorus         ppm         ASTM D5185m         2         2         <1            Sulfur         ppm         ASTM D5185m         2         2         2            Sulfur         ppm         ASTM D5185m         5 <t< td=""><td></td><td>ppm</td><td>ASTM D5185m</td><td>&gt;20</td><th>0</th><td>0</td><td></td></t<>		ppm	ASTM D5185m	>20	0	0	
Cadmium         ppm         ASTM D5185m         0         0            ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0            Barium         ppm         ASTM D5185m         <1         0            Molybdenum         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         2         <1            Calcium         ppm         ASTM D5185m         2         <1            Phosphorus         ppm         ASTM D5185m         2         <1            Phosphorus         ppm         ASTM D5185m         2         2         <1            Phosphorus         ppm         ASTM D5185m         2         2         2            Sulfur         ppm         ASTM D5185m         2         2         2            Sulfur         ppm         ASTM D5185m         15         <	Antimony	ppm	ASTM D5185m			0	
ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185m         0         0            Barium         ppm         ASTM D5185m         0         0            Molybdenum         ppm         ASTM D5185m         0         0            Magnese         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         0         0            Calcium         ppm         ASTM D5185m         2         <1	Vanadium	ppm	ASTM D5185m		0	0	
Boron	Cadmium	ppm	ASTM D5185m		0	0	
Barium	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum         ppm         ASTM D5185m         0         0            Manganese         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         0         0            Calcium         ppm         ASTM D5185m         2         <1	Boron	ppm	ASTM D5185m		0	0	
Manganese         ppm         ASTM D5185m         0         0            Magnesium         ppm         ASTM D5185m         0         0            Calcium         ppm         ASTM D5185m         2         <1	Barium	ppm	ASTM D5185m		<1	0	
Magnesium         ppm         ASTM D5185m         0         0            Calcium         ppm         ASTM D5185m         2         <1	Molybdenum	ppm	ASTM D5185m		0	0	
Calcium         ppm         ASTM D5185m         2         <1            Phosphorus         ppm         ASTM D5185m         445         368            Zinc         ppm         ASTM D5185m         2         2            Sulfur         ppm         ASTM D5185m         69         76            CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >15         <1	Manganese	ppm	ASTM D5185m		0	0	
Phosphorus         ppm         ASTM D5185m         445         368	Magnesium	ppm	ASTM D5185m		0	0	
Zinc         ppm         ASTM D5185m         2         2            Sulfur         ppm         ASTM D5185m         69         76            CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >15         <1         <1            Sodium         ppm         ASTM D5185m         >20         0         0            Potassium         ppm         ASTM D5185m         >20         0         0            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         <	Calcium	ppm	ASTM D5185m		2	<1	
Sulfur         ppm         ASTM D5185m         69         76            CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >15         <1	Phosphorus	ppm	ASTM D5185m		445	368	
CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185m         >15         <1	Zinc	ppm	ASTM D5185m		2	2	
Silicon         ppm         ASTM D5185m         >15         <1         <1            Sodium         ppm         ASTM D5185m         0         0         0            Potassium         ppm         ASTM D5185m         >20         0         0            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         NORML         NORML         NORML           Appearance         scalar         *Visual         NORML         NORML         NORML         NORML            Godor         s	Sulfur	ppm	ASTM D5185m		69	76	
Sodium         ppm         ASTM D5185m         0         0            Potassium         ppm         ASTM D5185m         >20         0         0            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         NORML            Odor         scalar         *Visual         >2         NEG         NEG	CONTAMINANTS	;	method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 <b>0</b> 0  VISUAL method limit/base current history1 history2  White Metal scalar *Visual NONE NONE NONE NONE  Yellow Metal scalar *Visual NONE NONE NONE NONE  Precipitate scalar *Visual NONE NONE NONE  Silt scalar *Visual NONE NONE NONE  Silt scalar *Visual NONE NONE NONE  Debris scalar *Visual NONE LIGHT VLITE  Sand/Dirt scalar *Visual NONE NONE NONE  Appearance scalar *Visual NORML NORML NORML  Emulsified Water scalar *Visual >2 NEG NEG	Silicon	ppm	ASTM D5185m	>15	<1	<1	
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 LIGHT VLITE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORML NORML Appearance scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual >2 NEG NEG	Sodium	ppm	ASTM D5185m		0	0	
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 LIGHT VLITE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORML NORML Odor scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual >2 NEG NEG	Potassium	ppm	ASTM D5185m	>20	0	0	
Yellow Metalscalar*VisualNONENONENONEPrecipitatescalar*VisualNONENONENONESiltscalar*VisualNONENONENONEDebrisscalar*VisualNONELIGHTVLITESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEG	VISUAL		method	limit/base	current	history1	history2
Precipitate scalar *Visual NONE NONE NONE Silt scalar *Visual NONE NONE NONE Debris scalar *Visual NONE LIGHT VLITE Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORML NORML Odor scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual >2 NEG NEG	White Metal	scalar	*Visual	NONE	NONE	NONE	
Silt scalar *Visual NONE NONE NONE  Debris scalar *Visual NONE LIGHT VLITE  Sand/Dirt scalar *Visual NONE NONE NONE  Appearance scalar *Visual NORML NORML NORML  Odor scalar *Visual NORML NORML NORML NORML  Emulsified Water scalar *Visual >2 NEG NEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Debrisscalar*VisualNONELIGHTVLITESand/Dirtscalar*VisualNONENONENONEAppearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEG	Precipitate	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 >2 NEG NEG	Silt	scalar	*Visual	NONE	NONE	NONE	
Appearancescalar*VisualNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEG	Debris	scalar	*Visual	NONE	LIGHT	VLITE	
Odor scalar *Visual NORML NORML NORML Emulsified Water scalar *Visual >2 NEG NEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Emulsified Water scalar *Visual >2 NEG NEG	Appearance	scalar	*Visual	NORML	NORML	NORML	
	Odor	scalar	*Visual	NORML	NORML	NORML	
Free Water scalar *Visual NEG NEG	Emulsified Water	scalar	*Visual	>2	NEG	NEG	
	Free Water	scalar	*Visual		NEG	NEG	

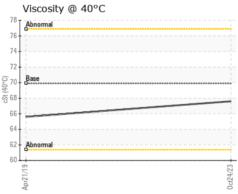


## **OIL ANALYSIS REPORT**











Certificate L2367

Laboratory Sample No. Lab Number

: WC0864106 : 05996119 Unique Number : 10724479 Test Package : IND 1

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 01 Nov 2023 Diagnosed : 03 Nov 2023 Diagnostician : Don Baldridge

**LEPRINO FOODS-GREELEY** 

1302 1ST AVE GREELEY, CO US 80631-5909

no image

no image

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)

F: (970)347-5190