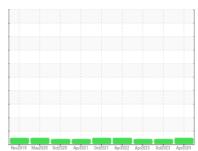


OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



RO NFDM [1958701] RO01PP61BB01

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

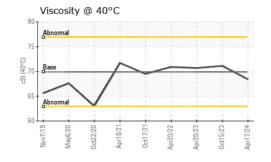
Fluid Condition

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

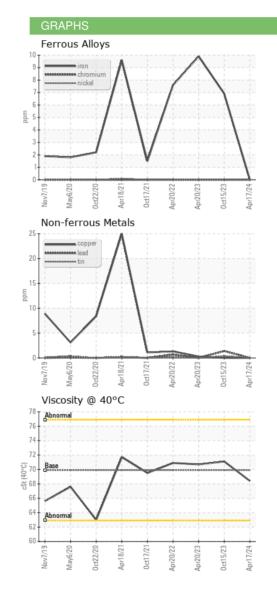
Machine Age hrs Client Info 0 8 8 Oil Age hrs Client Info 0 8 8 Oil Changed Client Info N/A N/A N/A N/A Sample Status Image: Client Info NoRMAL ABNORMAL			M0A5013 MS	yzuzu uctzuzu Aprzuzi	UCIZUZI APIZUZZ APIZUZ3 UCIZU	IZS APTZUZ4	
Sample Date Client Info 17 Apr 2024 15 Oct 2023 20 Apr 2023 Machine Age hrs Client Info 0 8 8 Oil Age hrs Client Info 0 8 8 Oil Changed Client Info N/A N/A N/A Oil Changed Client Info N/A N/A N/A 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 7 10 Chromium ppm ASTM D5185m >20 0 0 0 Iron ppm ASTM D5185m >20 0 0 0 Silver ppm ASTM D5185m >20 0 1 0 Aluminum ppm ASTM D5185m >20 </th <th>SAMPLE INFORM</th> <th>IATION</th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	SAMPLE INFORM	IATION	method	limit/base	current	history1	history2
Sample Date Client Info 17 Apr 2024 15 Oct 2023 20 Apr 2023 Machine Age hrs Client Info 0 8 8 Oil Age hrs Client Info N/A N/A N/A N/A Oil Changed Client Info N/A N/A N/A N/A A/A Sample Status Immethod limit/base current history1 history2 Water WC Method 22 NEG NEG NEG WEAR METALS method limit/base current history1 history2 Uron ppm ASTM D5185m >20 0 7 10 Chromium ppm ASTM D5185m >20 0 7 10 Chromium ppm ASTM D5185m >20 0 7 10 Chromium ppm ASTM D5185m 20 0 0 0 Silver ppm ASTM D5185m >20 0 1 0	Sample Number		Client Info		WC0927474	WC0864051	WC0805877
Oil Changed Oil Changed Status Client Info N/A	Sample Date		Client Info		17 Apr 2024	15 Oct 2023	20 Apr 2023
Cilichanged Cilicht Info N/A N/A ABNORMAL A	Machine Age	hrs	Client Info		-	8	8
NORMAL ABNORMAL ABNORMAL CONTAMINATION method limit/base current history1 history2 history2	Oil Age	hrs	Client Info		0	8	8
MORMAL	Oil Changed		Client Info		N/A	N/A	N/A
Water WC Method >2 NEG NEG NEG WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 0 0 0 Chromium ppm ASTM D5185m >20 0 0 0 Nickel ppm ASTM D5185m >20 0 0 0 Silver ppm ASTM D5185m >0 0 -1 0 Aluminum ppm ASTM D5185m >20 0 -1 0 Aluminum ppm ASTM D5185m >20 0 -1 0 Lead ppm ASTM D5185m >20 0 -1 0 Copper ppm ASTM D5185m 0 0 -1 1 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0	Sample Status				NORMAL	ABNORMAL	ABNORMAL
WEAR METALS method limit/base current history1 history2 Iron ppm ASTM D5185m >20 0 7 10 Chromium ppm ASTM D5185m >20 0 0 0 Nickel ppm ASTM D5185m >20 0 0 -1 Silver ppm ASTM D5185m 0 0 0 -1 Aluminum ppm ASTM D5185m >20 0 -1 0 Lead ppm ASTM D5185m >20 0 -1 0 Lead ppm ASTM D5185m >20 0 -1 0 Copper ppm ASTM D5185m >20 0 -1 0 Vanadium ppm ASTM D5185m 0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 Barium ppm ASTM D5185m 0 0 0 0<	CONTAMINATION	J	method	limit/base	current	history1	history2
Irron	Water		WC Method	>2	NEG	NEG	NEG
Chromium ppm ASTM D5185m >20 0 0 0 Nickel ppm ASTM D5185m >20 0 0 0 Titanium ppm ASTM D5185m 0 0 0 -1 Silver ppm ASTM D5185m 20 0 -1 0 Aluminum ppm ASTM D5185m >20 0 -1 0 Lead ppm ASTM D5185m >20 0 -1 0 Copper ppm ASTM D5185m >20 0 -1 0 Vanadium ppm ASTM D5185m >0 0 0 0 Cadmium ppm ASTM D5185m 0 0 0 0 AADITIVES method limit/base current history1 history2 Boron ppm ASTM D5185m 0 0 0 0 Barium ppm ASTM D5185m 0 0 0 0 </th <th>WEAR METALS</th> <th></th> <th>method</th> <th>limit/base</th> <th>current</th> <th>history1</th> <th>history2</th>	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185m	>20	0	7	10
Titanium	Chromium	ppm	ASTM D5185m	>20	0	0	0
Silver	Nickel	ppm	ASTM D5185m	>20	0	0	0
Aluminum ppm ASTM D5185m >20 0 <1	Titanium	ppm	ASTM D5185m		0	0	<1
Lead	Silver	ppm	ASTM D5185m		0	0	0
Copper ppm ASTM D5185m >20 0 0 <1	Aluminum	ppm	ASTM D5185m	>20	0	<1	0
Tin ppm ASTM D5185m >20 0 <1	Lead	ppm	ASTM D5185m	>20	0	1	0
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 ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m 0 10 1 Magnesium ppm ASTM D5185m 0 0 <1	Copper	ppm	ASTM D5185m	>20	0	0	<1
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 ppm ASTM D5185m 0 0 0 Manganesium ppm ASTM D5185m 0 10 1 Magnesium ppm ASTM D5185m 0 0 <1 Calcium ppm ASTM D5185m 397 439 468 Zinc ppm ASTM D5185m 397 439 468 Zinc ppm ASTM D5185m 130 9 23 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1 <1 1 2 Sodium ppm ASTM D5185m >15	Tin	ppm	ASTM D5185m	>20	0	<1	0
ADDITIVES	Vanadium	ppm	ASTM D5185m		0	0	0
Boron	Cadmium	ppm	ASTM D5185m		0	0	0
Barium ppm ASTM D5185m 0 0 0 Molybdenum ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m <1 <1 1 Magnesium ppm ASTM D5185m 0 0 <1 Calcium ppm ASTM D5185m 397 439 468 Zinc ppm ASTM D5185m <1 0 <1 Sulfur ppm ASTM D5185m <1 0 <1 Sulfur ppm ASTM D5185m >130 9 23 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1 <1 1 Sodium ppm ASTM D5185m >20 <1 <1 1 Sodium ppm ASTM D5185m >20 <1 <1 0 VISUAL method limit/base current <	ADDITIVES		method	limit/base	current	history1	history2
Molybdenum ppm ASTM D5185m 0 0 0 Manganese ppm ASTM D5185m <1	Boron	ppm	ASTM D5185m		0	0	0
Manganese ppm ASTM D5185m <1	Barium	ppm	ASTM D5185m		0	0	0
Magnesium ppm ASTM D5185m 0 10 1 Calcium ppm ASTM D5185m 0 0 <1 Phosphorus ppm ASTM D5185m 397 439 468 Zinc ppm ASTM D5185m <1 0 <1 Sulfur ppm ASTM D5185m 130 9 23 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1 <1 1 2 Volassium ppm ASTM D5185m >20 <1 <1 0 0 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE NONE NONE NONE NONE	Molybdenum	ppm	ASTM D5185m		0	0	0
Calcium ppm ASTM D5185m 0 0 <1	Manganese	ppm	ASTM D5185m		<1	<1	1
Phosphorus ppm ASTM D5185m 397 439 468 Zinc ppm ASTM D5185m <1 0 <1 Sulfur ppm ASTM D5185m 130 9 23 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1 <1 1 Sodium ppm ASTM D5185m >20 <1 1 2 Potassium ppm ASTM D5185m >20 <1 <1 1 2 Potassium ppm ASTM D5185m >20 <1 <1 1 2 2 1 <1 0 0 1 <1 0 0 0 1 <1 0 0 0 0 0 1 <1 0 0 0 0 0 0 0 0 0 0 0 0 0	Magnesium	ppm	ASTM D5185m		0	10	1
Zinc ppm ASTM D5185m <1	Calcium	ppm	ASTM D5185m		0	0	<1
Sulfur ppm ASTM D5185m 130 9 23 CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1 <1 1 Sodium ppm ASTM D5185m >20 <1 1 2 Potassium ppm ASTM D5185m >20 <1 <1 0 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE 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 NORML<	Phosphorus	ppm	ASTM D5185m		397	439	468
CONTAMINANTS method limit/base current history1 history2 Silicon ppm ASTM D5185m >15 <1 <1 1 Sodium ppm ASTM D5185m >20 <1 1 2 Potassium ppm ASTM D5185m >20 <1 <1 0 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE Yellow Metal scalar *Visual 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 NORML	Zinc	ppm	ASTM D5185m		<1	0	<1
Silicon ppm ASTM D5185m >15 <1	Sulfur	ppm	ASTM D5185m		130	9	23
Sodium ppm ASTM D5185m <1	CONTAMINANTS		method	limit/base	current	history1	history2
Potassium ppm ASTM D5185m >20 <1 <1 0 VISUAL method limit/base current history1 history2 White Metal scalar *Visual NONE NONE NONE NONE NONE Yellow Metal scalar *Visual NONE NONE NONE NONE NONE Precipitate scalar *Visual NONE NONE NONE NONE NONE Silt scalar *Visual NONE NONE NONE NONE NONE Debris scalar *Visual NONE NONE NONE NONE Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >2 NEG NEG NEG	Silicon	ppm	ASTM D5185m	>15	<1	<1	1
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 NONE Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE MODER MODER Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML NORML Odor scalar *Visual >2 NEG NEG NEG	Sodium	ppm	ASTM D5185m		<1	1	2
White Metal scalar *Visual NONE NONE 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 NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >2 NEG NEG NEG	Potassium	ppm	ASTM D5185m	>20	<1	<1	0
Yellow Metal scalar *Visual NONE NORML NO	VISUAL		method	limit/base	current	history1	history2
Precipitate scalar *Visual NONE MODER MODER MODER MODER MODER Sand/Dirt scalar *Visual NONE NONE NONE NONE NONE NONE NONE NORML N	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silt scalar *Visual NONE NONE NONE NONE Debris scalar *Visual NONE NONE MODER MODER Sand/Dirt scalar *Visual NONE NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML Emulsified Water scalar *Visual >2 NEG NEG NEG	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Debris scalar *Visual NONE NONE MODER Sand/Dirt scalar *Visual NONE NONE NONE Appearance scalar *Visual NORML NORML NORML NORML NORML Odor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >2 NEG NEG NEG	Precipitate	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirtscalar*VisualNONENONENONENONEAppearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEGNEG	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearancescalar*VisualNORMLNORMLNORMLNORMLNORMLOdorscalar*VisualNORMLNORMLNORMLNORMLNORMLEmulsified Waterscalar*Visual>2NEGNEGNEG	Debris	scalar	*Visual	NONE	NONE	▲ MODER	▲ MODER
Odor scalar *Visual NORML NORML NORML NORML NORML Emulsified Water scalar *Visual >2 NEG NEG NEG	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Water scalar *Visual >2 NEG NEG NEG	Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
	Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Free Water scalar *Visual NEG NEG NEG	Emulsified Water	scalar	*Visual	>2	NEG	NEG	NEG
	Free Water	scalar	*Visual		NEG	NEG	NEG



OIL ANALYSIS REPORT









Certificate 12367

Laboratory

Test Package : IND 1

Sample No. : WC0927474 Lab Number : 06160863 Unique Number : 10996286

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 25 Apr 2024 Tested : 26 Apr 2024

: 29 Apr 2024 - Don Baldridge Diagnosed

LEPRINO FOODS-GREELEY

1302 1ST AVE GREELEY, CO US 80631-5909

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.

F: (970)347-5190 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)