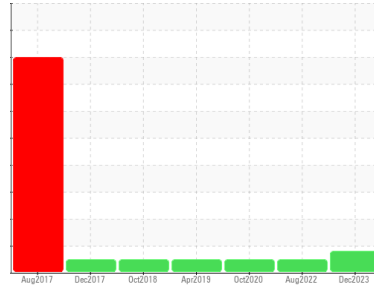




OIL ANALYSIS REPORT

Sample Rating Trend



SEDIMENT



Area
NFDM [1882522]
 Machine Id
VP10
 Component
Pump
 Fluid
MOBIL DTE OIL HEAVY (5 GAL)

DIAGNOSIS

Recommendation

We suspect abnormal contamination may be due to sampling method. 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 a moderate amount of visible silt present in the sample.

Fluid Condition

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0864088	WC0697418	WC0506726
Sample Date	Client Info		25 Dec 2023	05 Aug 2022	04 Oct 2020
Machine Age	hrs	Client Info	90	90	0
Oil Age	hrs	Client Info	90	0	0
Oil Changed	Client Info		N/A	N/A	Changed
Sample Status			ABNORMAL	NORMAL	NORMAL

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>.1	NEG	NEG	NEG

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >90	10	5	0
Chromium	ppm	ASTM D5185m >5	<1	0	0
Nickel	ppm	ASTM D5185m >5	<1	0	0
Titanium	ppm	ASTM D5185m >3	<1	0	0
Silver	ppm	ASTM D5185m >3	0	<1	<1
Aluminum	ppm	ASTM D5185m >7	2	<1	0
Lead	ppm	ASTM D5185m >12	<1	0	0
Copper	ppm	ASTM D5185m >30	<1	<1	0
Tin	ppm	ASTM D5185m >9	<1	<1	<1
Antimony	ppm	ASTM D5185m	---	---	0
Vanadium	ppm	ASTM D5185m	0	0	0
Cadmium	ppm	ASTM D5185m	<1	0	0

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	<1	<1
Barium	ppm	ASTM D5185m	0	0	0
Molybdenum	ppm	ASTM D5185m	<1	0	0
Manganese	ppm	ASTM D5185m	<1	0	0
Magnesium	ppm	ASTM D5185m	2	0	0
Calcium	ppm	ASTM D5185m	23	11	2
Phosphorus	ppm	ASTM D5185m	112	126	159
Zinc	ppm	ASTM D5185m	2	80	81
Sulfur	ppm	ASTM D5185m	1667	1716	1227

CONTAMINANTS

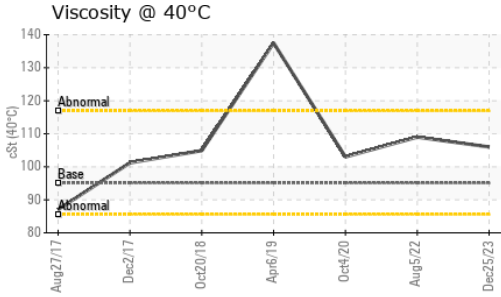
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >60	7	<1	2
Sodium	ppm	ASTM D5185m	6	20	0
Potassium	ppm	ASTM D5185m >20	18	17	<1

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	▲ MODER	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 >.1	NEG	NEG	NEG
Free Water	scalar	*Visual	NEG	NEG	NEG



OIL ANALYSIS REPORT

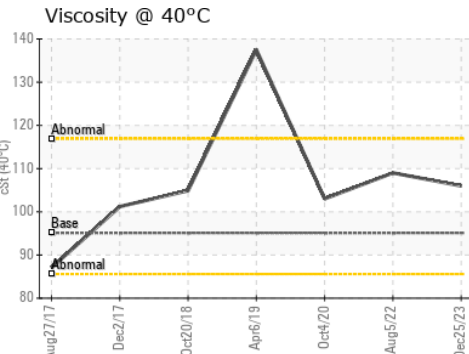
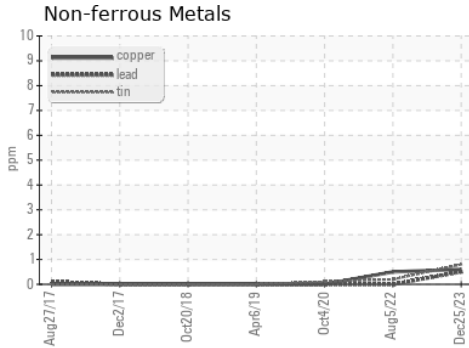
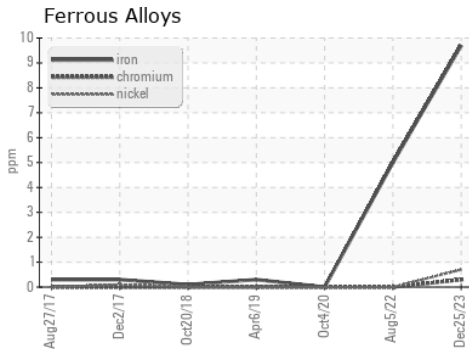


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	95.1	106	109	103

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				no image	
Bottom				no image	

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0864088 **Received** : 08 Jan 2024
Lab Number : **06055116** **Diagnosed** : 10 Jan 2024
Unique Number : 10821065 **Diagnostician** : Jonathan Hester
Test Package : IND 1

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

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)