

OIL ANALYSIS REPORT

ENGINE ROOM RC11 (S/N 160305)

Refrigeration Compressor

CAMCO 717 HT (--- GAL)

17017 M-2012 M-2014 Aug 2015 Aug 2017 M-2018 M-2019 Dec 2021 Dec 2021

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

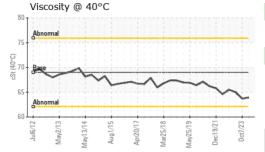
Fluid Condition

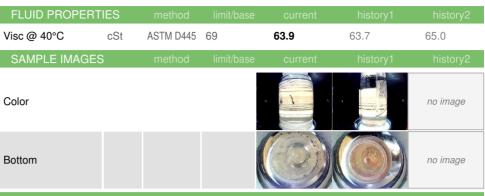
The condition of the oil is acceptable for the time in service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
	17111011		IIIIIIIIIII		· ·	•
Sample Number		Client Info		WC0884899	WC0857518	WC0824774
Sample Date		Client Info		27 Dec 2023	07 Oct 2023	10 Jul 2023
Machine Age	hrs	Client Info		31599	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
CONTAMINATION	1	method	limit/base	current	history1	history2
Water		WC Method	>0.01	NEG	NEG	NEG
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>8	<1	0	0
Chromium	ppm	ASTM D5185m	>2	<1	3	0
Nickel	ppm	ASTM D5185m		<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>3	2	0	<1
Lead	ppm	ASTM D5185m	>2	<1	0	0
Copper	ppm	ASTM D5185m	>8	<1	0	0
Tin	ppm	ASTM D5185m	>4	<1	0	0
Vanadium	ppm	ASTM D5185m		0	0	<1
Cadmium	ppm	ASTM D5185m		<1	0	0
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		0	0	0
-		710 1111 20100111		•	0	•
Barium	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Barium Molybdenum	ppm ppm	ASTM D5185m ASTM D5185m		0 <1	0	0
Barium Molybdenum Manganese	ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1	0 0 0	0 0 <1
Barium Molybdenum Manganese Magnesium	ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1 0	0 0 0 0	0 0 <1 0
Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1 0	0 0 0 0	0 0 <1 0
Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1 0 0 20	0 0 0 0 2	0 0 <1 0
Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	0 <1 <1 0 0 20 0	0 0 0 0 0 2 0	0 0 <1 0 0 0
Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m		0 <1 <1 0 0 20 0	0 0 0 0 0 2 0	0 0 <1 0 0 0 0
Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	>15	0 <1 <1 0 0 0 20 0 0 current	0 0 0 0 2 0 0 0 0	0 0 0 <1 0 0 0 0 0 6
Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	>15	0 <1 <1 0 0 20 0 0 current <1	0 0 0 0 2 0 0 0 history1	0 0 0 <1 0 0 0 0 0 6 history2
Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	>15	0 <1 <1 0 0 20 0 current <1 0	0 0 0 0 2 0 0 0 0 history1	0 0 0 <1 0 0 0 0 0 6 history2
Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	>15 >20	0 <1 <1 0 0 0 20 0 0 current <1 0 1	0 0 0 0 2 0 0 0 0 history1	0 0 0 <1 0 0 0 0 0 6 history2 0
Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL	ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m	>15 >20 limit/base	0 <1 <1 <0 <0 <0 <0 <0 <0 <0 <0 <0 <0 <0 <0 <0	0 0 0 0 0 2 0 0 0 0 history1	0 0 0 <1 0 0 0 0 0 6 history2 0 <1 0
Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium VISUAL White Metal	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>15 >20 limit/base NONE	0 <1 <1 0 0 0 20 0 0 0 current <1 0 1 current NONE	0 0 0 0 2 0 0 0 history1 0 <1 history1 NONE	0 0 0 0 0 0 0 0 6 history2 0 <1 0
Barium Molybdenum 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 method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>15 >20 limit/base NONE NONE	0 <1 <1 <0 <0 <0 <0 <0 <0 <0 <0 <0 <0 <0 <0 <0	0 0 0 0 2 0 0 0 history1 0 <1 history1 NONE	0 0 0 0 0 0 0 0 0 6 history2 0 <1 0 NONE
Barium Molybdenum 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 MEthod ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m Wethod *Visual *Visual	>15 >20 limit/base NONE NONE NONE	0 <1 <1 0 0 0 20 0 0 0 current <1 0 1 current NONE NONE NONE	0 0 0 0 0 2 0 0 0 history1 0 0 <1 history1 NONE NONE	0 0 0 0 0 0 0 0 0 0 0 6 history2 0 <1 0 history2 NONE NONE NONE
Barium Molybdenum 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 method ASTM D5185m ASTM D5185m *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE NONE	0 <1 <1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 0 0 0 0 history1 0 0 <1 history1 NONE NONE NONE NONE	0 0 0 0 0 0 0 0 0 0 0 6 history2 0 <1 0 history2 NONE NONE NONE NONE
Barium Molybdenum 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 method ASTM D5185m *Visual *Visual *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE NONE NONE NONE	0 <1 <1 0 0 0 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 2 0 0 0 0 history1 0 0 <1 history1 NONE NONE NONE NONE NONE NONE	0 0 0 0 0 0 0 0 0 0 0 6 history2 0 <1 0 history2 NONE NONE NONE NONE NONE NONE NONE
Barium Molybdenum 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 method ASTM D5185m *Visual *Visual *Visual *Visual *Visual *Visual *Visual *Visual	>15 >20 limit/base NONE NONE NONE NONE NONE NONE NONE	0 <1 <1	0 0 0 0 0 0 2 0 0 0 0 history1 0 0 <1 history1 NONE NONE NONE NONE NONE NONE NONE NON	0 0 0 0 0 0 0 0 0 0 0 6 history2 0 <1 0 history2 NONE NONE NONE NONE NONE NONE NONE NON
Barium Molybdenum 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 MEthod *Visual	>15 >20 limit/base NONE NONE NONE NONE NONE NONE NONE NON	0 <1 <1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 2 0 0 0 0 0 history1 0 0 <1 history1 NONE NONE NONE NONE NONE NONE NONE NON	0 0 0 0 0 0 0 0 0 0 0 6 history2 0 <1 0 history2 NONE NONE NONE NONE NONE NONE NONE NON

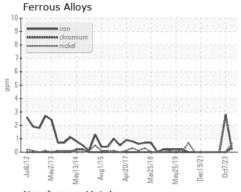


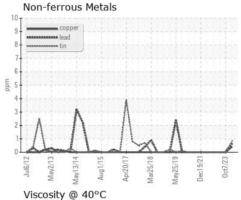
OIL ANALYSIS REPORT

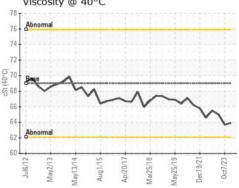




GRAPHS











Laboratory Sample No. Lab Number Test Package : IND 1

: 06055129 Unique Number : 10821078

: WC0884899

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : 08 Jan 2024 Recieved

Diagnosed : 10 Jan 2024 Diagnostician : 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)

F: (970)347-5190

1302 1ST AVE

GREELEY, CO

US 80631-5909