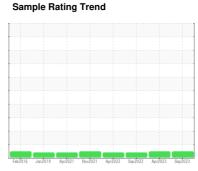


OIL ANALYSIS REPORT

NXT 717 **VILTER 66187- WAPSIE VALLEY CREAMERY**

Component

Compressor





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

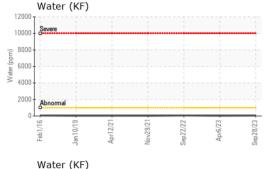
Fluid Condition

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

0.4.4.D. E. IV.E.O.D.						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		UCH05966420	UCH05816608	UCH05656302
Sample Date		Client Info		28 Sep 2023	06 Apr 2023	22 Sep 2022
Machine Age	hrs	Client Info		0	0	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>50	0	0	<1
Chromium	ppm	ASTM D5185m	>10	0	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	0	0
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	0	0	0
Tin	ppm	ASTM D5185m	>15	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
Cadmium	ppm	ASTM D5185m		0	0	0
Jaamiani	ррпп	AO INI DO IOSIII		U	U	O
ADDITIVES	ррш	method	limit/base	current	history1	history2
	ppm		limit/base			
ADDITIVES		method	limit/base	current	history1	history2
ADDITIVES Boron	ppm	method ASTM D5185m	limit/base	current 0	history1	history2
ADDITIVES Boron Barium	ppm ppm	method ASTM D5185m ASTM D5185m	limit/base	current 0 0	history1 0 0	history2 0 0
ADDITIVES Boron Barium Molybdenum	ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 0 0 0	history1 0 0 0 0 0 0	history2 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese	ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 0 0 0 0	history1 0 0 0 0	history2 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium	ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 0 0 0 0 0	history1 0 0 0 0 0 0	history2 0 0 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm ppm ppm ppm	method ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	limit/base	current 0 0 0 0 0 0 0 0	history1 0 0 0 0 0 0 0 0	history2 0 0 0 0 0 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base	current 0 0 0 0 0 0 0 2	history1 0 0 0 0 0 0 0 0 9	history2 0 0 0 0 0 0 0 2
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base	current 0 0 0 0 0 0 0 2 0	history1 0 0 0 0 0 0 0 9	history2 0 0 0 0 0 0 0 2
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur	ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m		current 0 0 0 0 0 0 0 2 0 12	history1 0 0 0 0 0 0 0 0 0 0 43	history2 0 0 0 0 0 0 2 0 212
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS	ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base	current 0 0 0 0 0 0 0 2 0 12 current	history1 0 0 0 0 0 0 0 0 43 history1	history2 0 0 0 0 0 0 0 2 0 212 history2
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon	ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base	current 0 0 0 0 0 0 0 2 0 12 current 7	history1 0 0 0 0 0 0 0 0 43 history1 8	history2 0 0 0 0 0 0 0 2 12 history2 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base	current 0 0 0 0 0 0 0 2 0 12 current 7	history1 0 0 0 0 0 0 0 9 0 43 history1 8	history2 0 0 0 0 0 0 2 0 212 history2
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium	ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base >25 >20	current 0 0 0 0 0 0 0 0 12 current 7 0 0	history1 0 0 0 0 0 0 0 0 43 history1 8 0 <1	history2 0 0 0 0 0 0 0 2 0 212 history2 0 0 0
ADDITIVES Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc Sulfur CONTAMINANTS Silicon Sodium Potassium Water	ppm ppm ppm ppm ppm ppm ppm ppm ppm ppm	method ASTM D5185m	limit/base >25 >20 >0.1	current 0 0 0 0 0 0 0 2 0 12 current 7 0 0 0 0.004	history1 0 0 0 0 0 0 0 9 0 43 history1 8 0 <1 0.001	history2 0 0 0 0 0 0 2 0 212 history2 0 0 0 0 0 0



OIL ANALYSIS REPORT

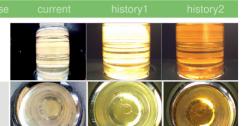


White Metal	scalar	*Visual	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE
Precipitate	scalar	*Visual	NONE	NONE	NONE
Silt	scalar	*Visual	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	LIGHT	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG
Free Water	scalar	*Visual		NEG	NEG

12000	watei	r (KF)					
10000	Severe						
€ 8000							
Water (ppm) 6000							
≥ 4000.	-						
2000	Abnorma	al					
0 -	-ep1/16 -	61/01	r12/21	12/62/	22/22	Apr6/23	28/23
	굔	Jan	Apri	Nov2	Sep	Ar	Sep28/

FLUID PROPERTIES		method				history	
Visc @ 40°C	cSt	ASTM D445	62	64.5	67.3	88.8	

Color



NONE

NONE

NONE NONE

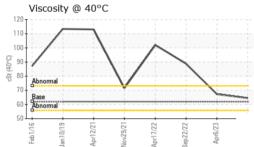
NONE

NONE

NORML

NORML NEG

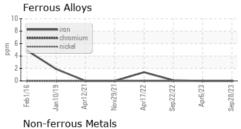
NEG

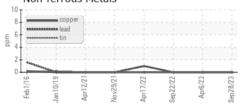


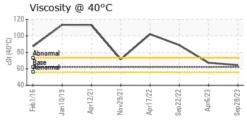
GRAPHS

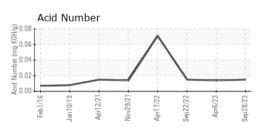
Bottom

SAMPLE IMAGES













Laboratory Sample No. Lab Number Unique Number

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : UCH05966420 : 05966420

Received Diagnosed : 10672971

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

: 02 Oct 2023 : 03 Oct 2023 Diagnostician : Don Baldridge

DELTA INDUSTRIES - CEDAR RAPIDS 6540 4TH ST SW CEDAR RAPIDS, IA US 52404

Contact: MICHAEL FERRIS wearcheck@deltaind.net

T: (319)862-2500 F: (319)862-2501

Certificate L2367

Test Package : IND 2 (Additional Tests: KF)

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.

Report Id: UCDELCED [WUSCAR] 05966420 (Generated: 10/03/2023 16:01:37) Rev: 1

Contact/Location: MICHAEL FERRIS - UCDELCED