



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
DF8
Machine Id
KAESER 4011 - NESTLE PURINA PET CARE (S/N 1028)
Component
Compressor
Fluid
ULTRACHEM OMNILUBE 32/46 (15 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC06101067	UCH06027904	UCH05999147
Sample Date		Client Info		26 Feb 2024	06 Dec 2023	05 Nov 2023
Machine Age	hrs	Client Info		142984	0	141521
Oil Age	hrs	Client Info		3290	2525	1826
Filter Age	hrs	Client Info		0	0	1223
Oil Changed		Client Info		Not Changd	Not Changd	N/A
Filter Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	0	0	0
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m	>3	0	0	<1
Titanium	ppm	ASTM D5185m	>3	0	0	0
Silver	ppm	ASTM D5185m	>2	0	0	0
Aluminum	ppm	ASTM D5185m	>10	2	0	<1
Lead	ppm	ASTM D5185m	>10	0	0	<1
Copper	ppm	ASTM D5185m	>50	<1	<1	<1
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

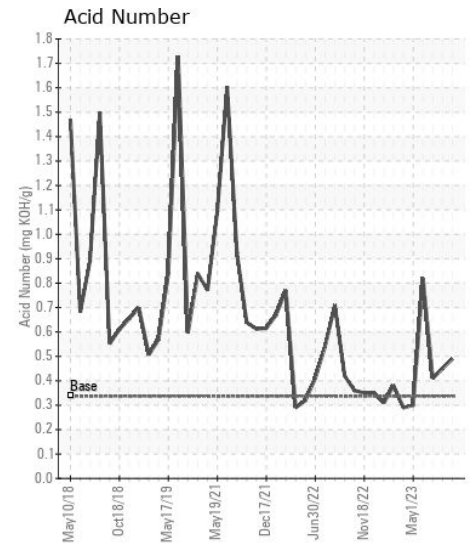
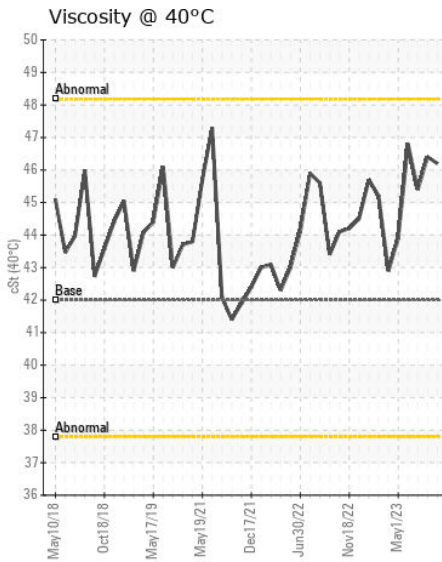
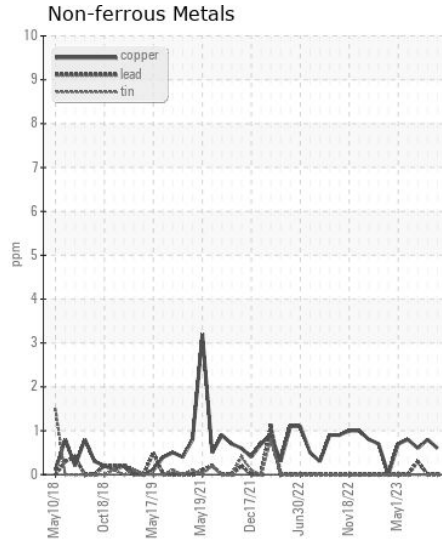
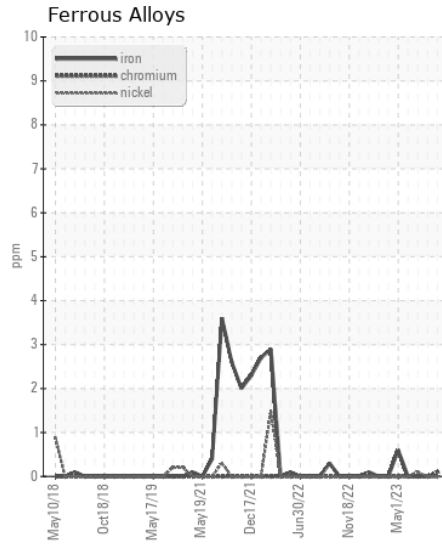
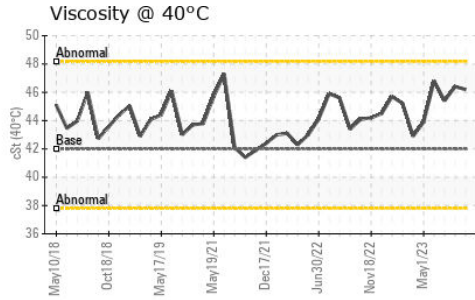
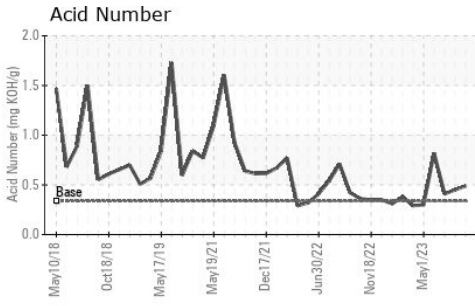
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	0	0	0
Potassium	ppm	ASTM D5185m	>20	1	0	1
Water		WC Method	>0.05	NEG	NEG	NEG
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	>0.05	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		0	2	0
Boron	ppm	ASTM D5185m	1	0	0	0
Barium	ppm	ASTM D5185m	0.3	8	0	4
Molybdenum	ppm	ASTM D5185m	0	0	0	<1
Manganese	ppm	ASTM D5185m	0	0	<1	0
Magnesium	ppm	ASTM D5185m	0	<1	0	0
Calcium	ppm	ASTM D5185m	0.5	0	0	<1
Phosphorus	ppm	ASTM D5185m	536	92	52	80
Zinc	ppm	ASTM D5185m	0.2	1	0	0
Sulfur	ppm	ASTM D5185m	649	266	225	302
Acid Number (AN)	mg KOH/g	ASTM D8045	0.337	0.49	0.45	0.41
Visc @ 40°C	cSt	ASTM D445	42.0	46.2	46.4	45.4



Certificate L2367

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

Sample No. : WC06101067

Lab Number : 06101067

Unique Number : 10899297

Test Package : IND 2

Received : 26 Feb 2024

Tested : 27 Feb 2024

Diagnosed : 27 Feb 2024 - Doug Bogart

DELTA INDUSTRIES - CEDAR RAPIDS

6540 4TH ST SW

CEDAR RAPIDS, IA

US 52404

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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)