



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ATTENTION

Area
M-460 [8301]
 Machine Id
KAESER 1400 - BINAM RODDER
 Component
Compressor

RECOMMENDATION

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

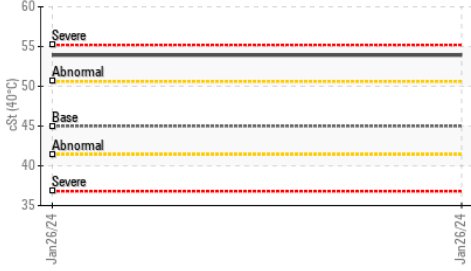
There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

FLUID CONDITION

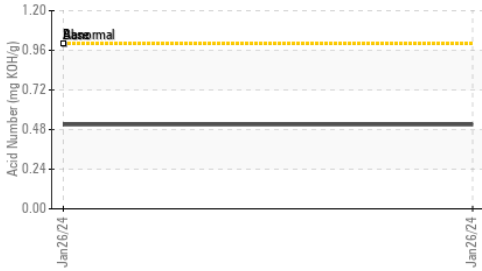
The oil viscosity is higher than normal. The AN level is acceptable for this fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCH06086141	---	---
Sample Date		Client Info		26 Jan 2024	---	---
Machine Age	hrs	Client Info		47009	---	---
Oil Age	hrs	Client Info		1472	---	---
Filter Age	hrs	Client Info		1472	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ATTENTION	---	---
Iron	ppm	ASTM D5185m	>50	0	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m	>3	<1	---	---
Titanium	ppm	ASTM D5185m	>3	<1	---	---
Silver	ppm	ASTM D5185m	>2	0	---	---
Aluminum	ppm	ASTM D5185m	>10	2	---	---
Lead	ppm	ASTM D5185m	>10	<1	---	---
Copper	ppm	ASTM D5185m	>50	11	---	---
Tin	ppm	ASTM D5185m	>10	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>25	4	---	---
Potassium	ppm	ASTM D5185m	>20	1	---	---
Water		WC Method	>0.05	NEG	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.05	NEG	---	---
Sodium	ppm	ASTM D5185m		0	---	---
Boron	ppm	ASTM D5185m	0	0	---	---
Barium	ppm	ASTM D5185m	90	22	---	---
Molybdenum	ppm	ASTM D5185m	0	<1	---	---
Manganese	ppm	ASTM D5185m		<1	---	---
Magnesium	ppm	ASTM D5185m	100	17	---	---
Calcium	ppm	ASTM D5185m	0	0	---	---
Phosphorus	ppm	ASTM D5185m	0	24	---	---
Zinc	ppm	ASTM D5185m	0	32	---	---
Sulfur	ppm	ASTM D5185m	23500	23432	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045	1.0	0.51	---	---
Visc @ 40°C	cSt	ASTM D445	45	▲ 53.92	---	---

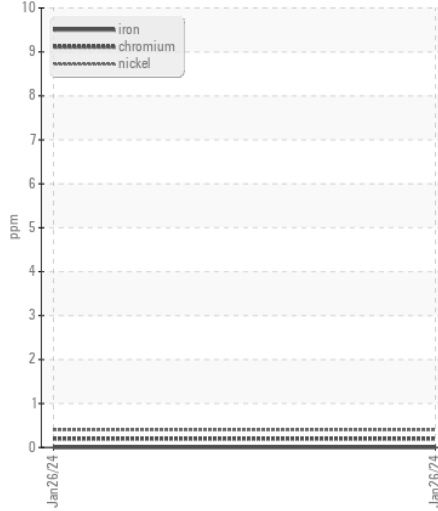
▲ Viscosity @ 40°C



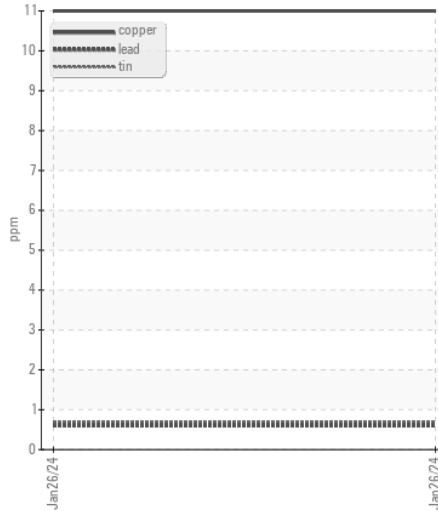
Acid Number



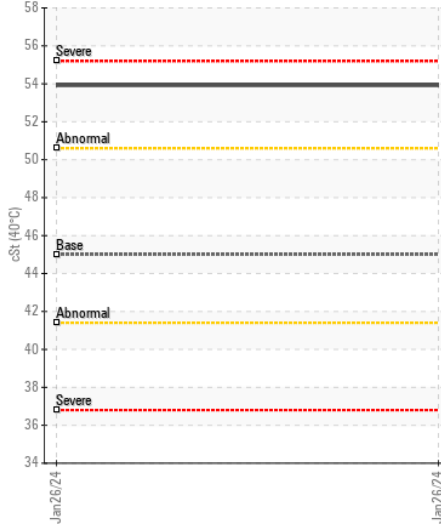
Ferrous Alloys



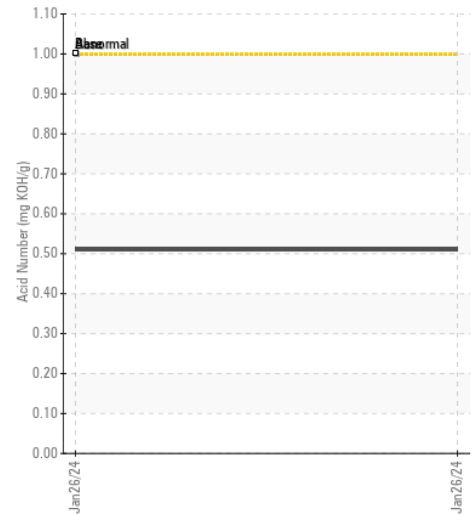
Non-ferrous Metals



▲ Viscosity @ 40°C



Acid Number



Certificate L2367

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

Sample No. : UCH06086141

Lab Number : 06086141

Unique Number : 10873586

Test Package : IND 2

Received : 12 Feb 2024

Tested : 14 Feb 2024

Diagnosed : 15 Feb 2024 - Don Baldrige

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

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)