



OIL ANALYSIS REPORT

WEAR
CONTAMINATION
FLUID CONDITION

ATTENTION
NORMAL
NORMAL

Area
VISION 8000
Machine Id
HODGE 2204030409
Component
Compressor
Fluid
{not provided} (--- GAL)

RECOMMENDATION

The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

WEAR

The iron level is abnormal.

CONTAMINATION

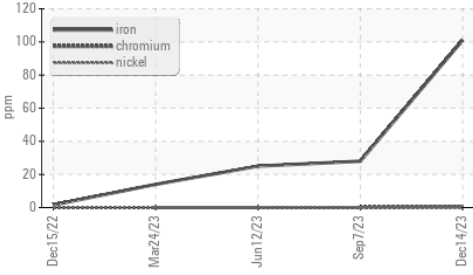
There is no indication of any contamination in the oil.

FLUID CONDITION

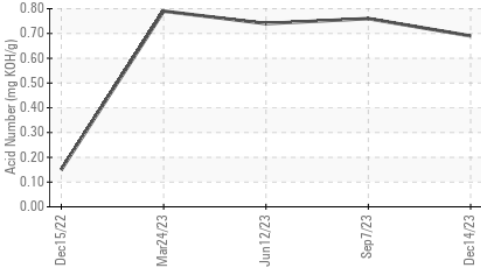
The AN level is acceptable for this fluid. The condition of the oil is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UHC0000616	UHC0000629	UHC0000560
Sample Date		Client Info		14 Dec 2023	07 Sep 2023	12 Jun 2023
Machine Age	hrs	Client Info		0	2709	2172
Oil Age	hrs	Client Info		591	1709	1172
Filter Age	hrs	Client Info		591	537	576
Oil Changed		Client Info		N/A	Changed	Not Changd
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				ATTENTION	ATTENTION	NORMAL
Iron	ppm	ASTM D5185m	>50	▲ 101	28	25
Chromium	ppm	ASTM D5185m	>10	<1	0	0
Nickel	ppm	ASTM D5185m		0	0	0
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	1	4	5
Lead	ppm	ASTM D5185m	>25	0	0	0
Copper	ppm	ASTM D5185m	>50	<1	1	<1
Tin	ppm	ASTM D5185m	>15	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	9	13	13
Potassium	ppm	ASTM D5185m	>20	2	2	2
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	LIGHT	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	>0.1	NEG	0.2%	NEG
Sodium	ppm	ASTM D5185m		5	7	5
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		0	0	0
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m		<1	0	2
Calcium	ppm	ASTM D5185m		<1	<1	0
Phosphorus	ppm	ASTM D5185m		568	561	599
Zinc	ppm	ASTM D5185m		125	316	277
Sulfur	ppm	ASTM D5185m		1233	944	1256
Acid Number (AN)	mg KOH/g	ASTM D8045		0.69	0.76	0.74
Visc @ 40°C	cSt	ASTM D445		42.3	42.3	42.6

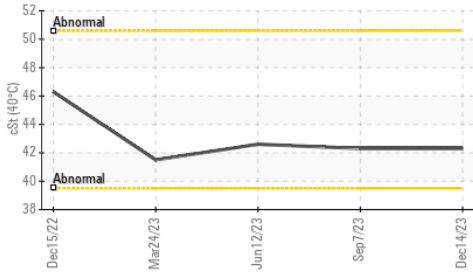
▲ Ferrous Alloys



Acid Number



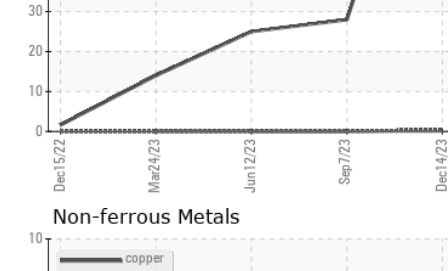
Viscosity @ 40°C



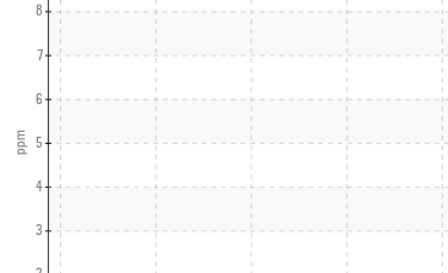
▲ Ferrous Alloys



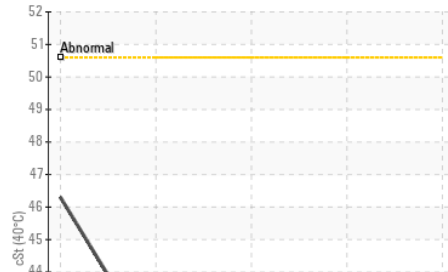
Acid Number



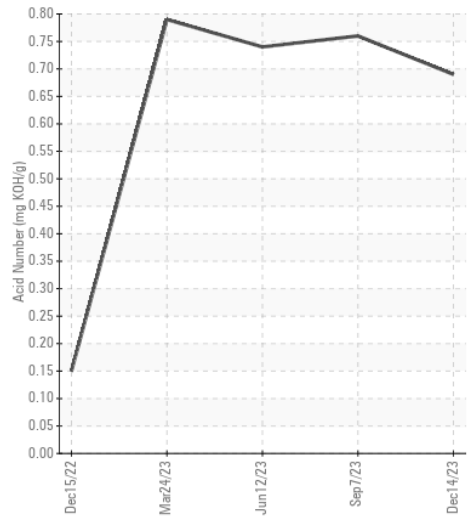
Non-ferrous Metals



Viscosity @ 40°C



Acid Number



Certificate L2367

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

Sample No. : UHC0000616

Lab Number : 06097189

Unique Number : 10890042

Test Package : IND 2

Received : 22 Feb 2024

Tested : 23 Feb 2024

Diagnosed : 24 Feb 2024 - Don Baldrige

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HOSCHTON, GA

US 30548

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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)