

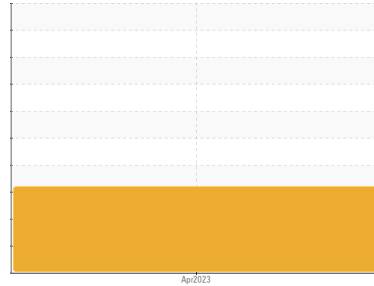


PROBLEM SUMMARY

Sample Rating Trend

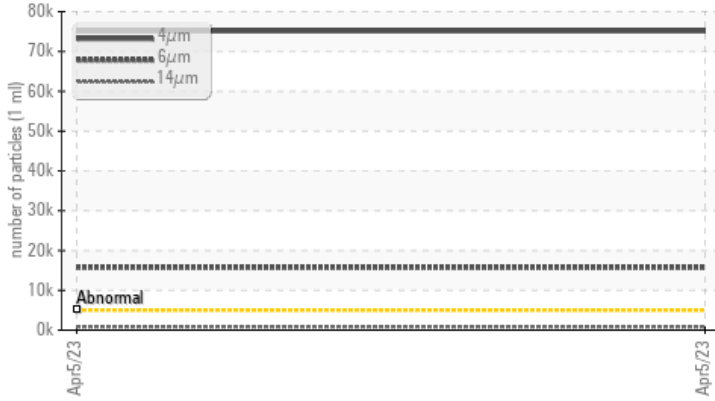
VISUAL METAL

Machine Id
DEXRON VI (S/N T57ND-0005)
 Component
New (Unused) Oil
 Fluid
{not provided} (--- GAL)



COMPONENT CONDITION SUMMARY

▲ Particle Trend



RECOMMENDATION

This is a baseline read-out on the submitted sample.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Particles >4µm	ASTM D7647	>5000	▲ 75100	---	---	---
Particles >6µm	ASTM D7647	>1300	▲ 15756	---	---	---
Particles >14µm	ASTM D7647	>160	▲ 815	---	---	---
Particles >21µm	ASTM D7647	>40	▲ 166	---	---	---
Oil Cleanliness	ISO 4406 (c)	>19/17/14	▲ 23/21/17	---	---	---
White Metal	scalar	*Visual	NONE	▲ MODER	---	---

Customer Id: DUNAUS
 Sample No.: WC0806731
 Lab Number: 05815842
 Test Package: PLANT



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

To change component or sample information:
 Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

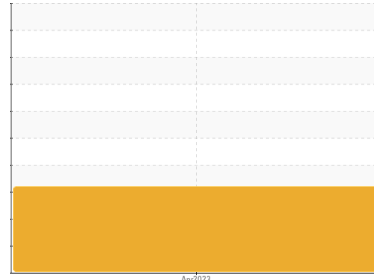
HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend

VISUAL METAL



Machine Id
DEXRON VI (S/N T57ND-0005)
 Component
New (Unused) Oil
 Fluid
{not provided} (--- GAL)

DIAGNOSIS

▲ Recommendation

This is a baseline read-out on the submitted sample.

▲ Wear

Moderate concentration of visible metal present.

▲ Contamination

There is a high amount of particulates present in the oil.

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	WC0806731	---	---
Sample Date	Client Info	05 Apr 2023	---	---
Machine Age	hrs Client Info	0	---	---
Oil Age	hrs Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >5	4	---	---
Chromium ppm	ASTM D5185m >5	0	---	---
Nickel ppm	ASTM D5185m >5	0	---	---
Titanium ppm	ASTM D5185m	0	---	---
Silver ppm	ASTM D5185m >5	0	---	---
Aluminum ppm	ASTM D5185m >5	3	---	---
Lead ppm	ASTM D5185m >5	0	---	---
Copper ppm	ASTM D5185m >5	2	---	---
Tin ppm	ASTM D5185m >5	0	---	---
Vanadium ppm	ASTM D5185m	0	---	---
Cadmium ppm	ASTM D5185m	0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m	18	---	---
Barium ppm	ASTM D5185m	0	---	---
Molybdenum ppm	ASTM D5185m	0	---	---
Manganese ppm	ASTM D5185m	<1	---	---
Magnesium ppm	ASTM D5185m	0	---	---
Calcium ppm	ASTM D5185m	71	---	---
Phosphorus ppm	ASTM D5185m	180	---	---
Zinc ppm	ASTM D5185m	5	---	---
Sulfur ppm	ASTM D5185m	1997	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >15	<1	---	---
Sodium ppm	ASTM D5185m	<1	---	---
Potassium ppm	ASTM D5185m >20	<1	---	---

FLUID CLEANLINESS

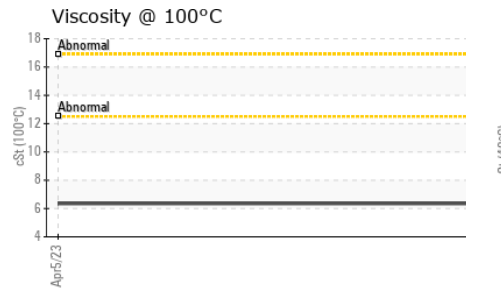
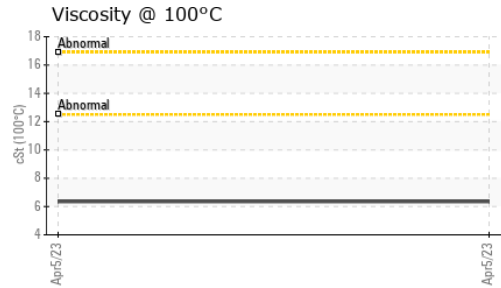
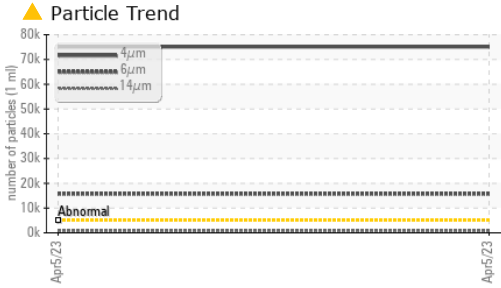
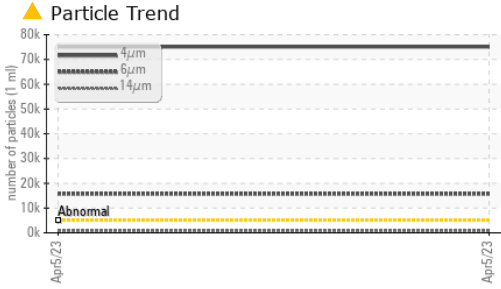
method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >5000	▲ 75100	---	---
Particles >6µm	ASTM D7647 >1300	▲ 15756	---	---
Particles >14µm	ASTM D7647 >160	▲ 815	---	---
Particles >21µm	ASTM D7647 >40	▲ 166	---	---
Particles >38µm	ASTM D7647 >10	3	---	---
Particles >71µm	ASTM D7647 >3	0	---	---
Oil Cleanliness	ISO 4406 (c) >19/17/14	▲ 23/21/17	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g	ASTM D8045	0.77	---	---



OIL ANALYSIS REPORT



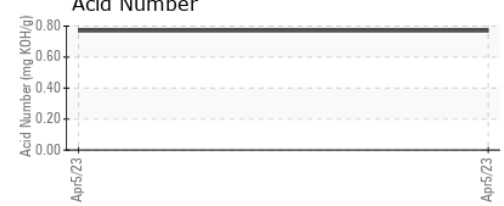
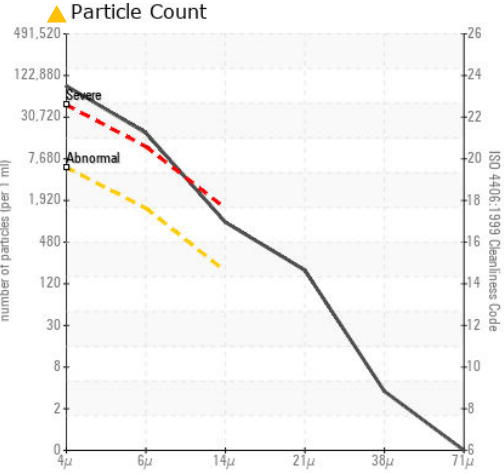
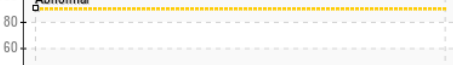
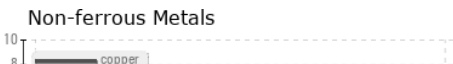
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	▲ MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	30.79	---	---
Visc @ 100°C	cSt	ASTM D445	6.35	---	---
Viscosity Index (VI)	Scale	ASTM D2270	163	---	---

SAMPLE IMAGES

	method	limit/base	current	history1	history2
Color				no image	no image
Bottom				no image	no image

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0806731 **Received** : 10 Apr 2023
Lab Number : 05815842 **Diagnosed** : 14 Apr 2023
Unique Number : 10418634 **Diagnostician** : Jonathan Hester
Test Package : PLANT (Additional Tests: FT-IR, KV100, VI)

DUNAN MICROSTAQ INC
 4120 FREIDRICH LANE SUITE 225
 AUSTIN, TX
 US 78744
 Contact: KEVIN SINKAR
 ksinkar@dmq-us.com
 T: (512)628-2890
 F: (512)628-2897

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)