



WEAR	NORMAL
CONTAMINATION	SEVERE
FLUID CONDITION	NORMAL

Area  
**SMART OIL 6000**  
Machine Id  
**HERTZ VD002723 - CALIBER COLLISION**  
Component  
**Compressor**

**RECOMMENDATION**

We advise that you follow the water drain-off procedure for this component. The filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

**WEAR**

All component wear rates are normal.

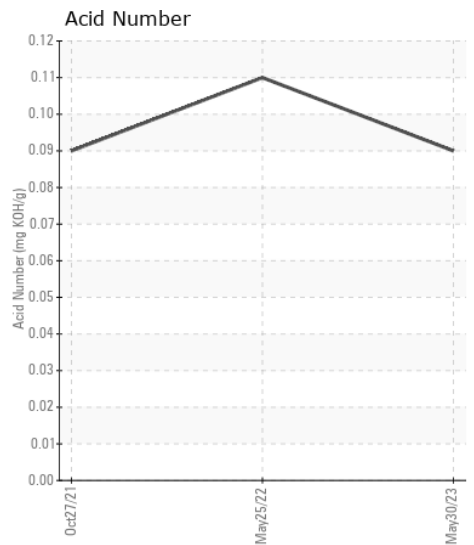
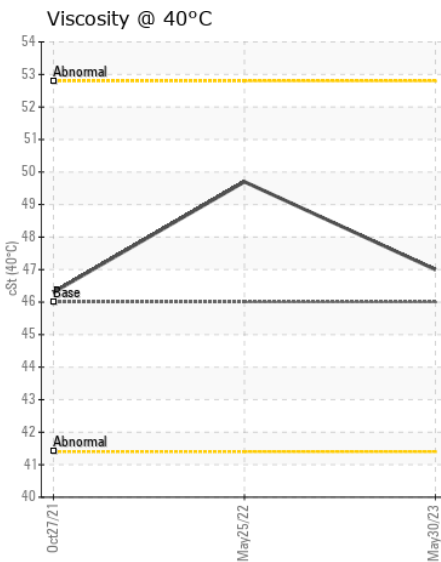
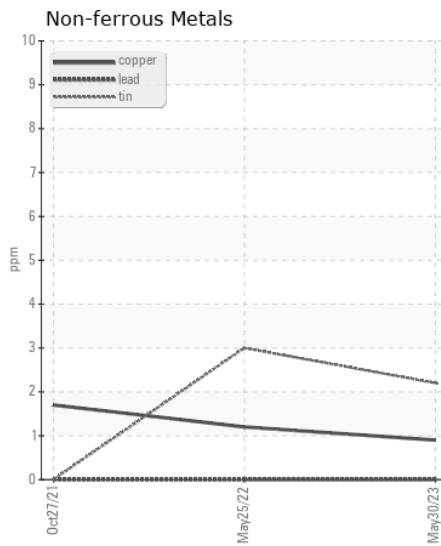
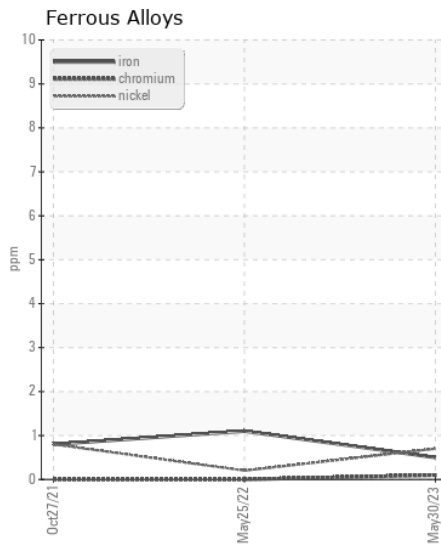
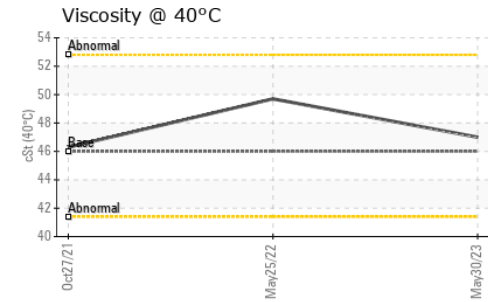
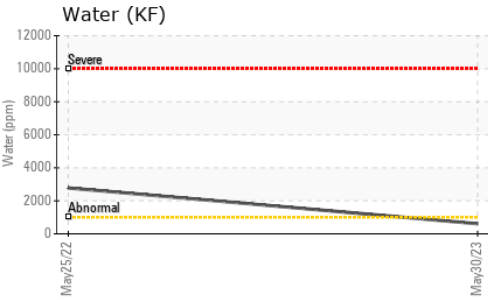
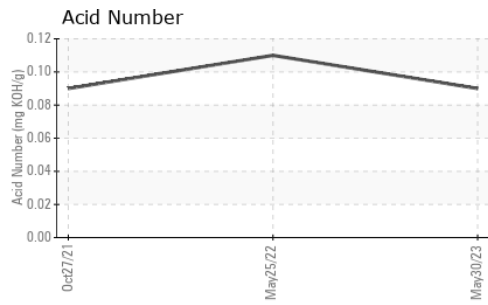
**CONTAMINATION**

Excessive free water present.

**FLUID CONDITION**

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>UHK0000246</b>	UHK05560685	UCH05388173
Sample Date		Client Info		<b>30 May 2023</b>	25 May 2022	27 Oct 2021
Machine Age	hrs	Client Info		<b>10282</b>	7433	5348
Oil Age	hrs	Client Info		<b>1200</b>	0	5348
Filter Age	hrs	Client Info		<b>1600</b>	0	5348
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	Changed
Filter Changed		Client Info		<b>Changed</b>	Changed	Changed
Sample Status				<b>SEVERE</b>	ATTENTION	NORMAL
Iron	ppm	ASTM D5185m	>50	<b>&lt;1</b>	1	<1
Chromium	ppm	ASTM D5185m	>10	<b>&lt;1</b>	0	0
Nickel	ppm	ASTM D5185m		<b>&lt;1</b>	<1	<1
Titanium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Silver	ppm	ASTM D5185m		<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>25	<b>0</b>	<1	<1
Lead	ppm	ASTM D5185m	>25	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>50	<b>&lt;1</b>	1	2
Tin	ppm	ASTM D5185m	>15	<b>2</b>	3	0
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Silicon	ppm	ASTM D5185m	>25	<b>12</b>	40	11
Potassium	ppm	ASTM D5185m	>20	<b>1</b>	0	0
Water	%	ASTM D6304	>0.1	<b>0.061</b>	0.278	---
ppm Water	ppm	ASTM D6304	>1000	<b>610</b>	2780	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>MODER</b>	MODER	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>0.2%</b>	0.2%	NEG
Sodium	ppm	ASTM D5185m		<b>2</b>	<1	<1
Boron	ppm	ASTM D5185m		<b>0</b>	0	<1
Barium	ppm	ASTM D5185m		<b>4</b>	0	0
Molybdenum	ppm	ASTM D5185m		<b>0</b>	0	0
Manganese	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Magnesium	ppm	ASTM D5185m		<b>&lt;1</b>	0	<1
Calcium	ppm	ASTM D5185m	20	<b>0</b>	0	2
Phosphorus	ppm	ASTM D5185m		<b>413</b>	361	26
Zinc	ppm	ASTM D5185m		<b>3</b>	10	21
Sulfur	ppm	ASTM D5185m		<b>535</b>	272	129
Acid Number (AN)	mg KOH/g	ASTM D8045		<b>0.09</b>	0.11	0.090
Visc @ 40°C	cSt	ASTM D445	46	<b>47.0</b>	49.7	46.3



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UHK0000246 **Received** : 06 Jun 2023  
**Lab Number** : 05866272 **Tested** : 08 Jun 2023  
**Unique Number** : 10506056 **Diagnosed** : 08 Jun 2023 - Jonathan Hester  
**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.

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

**COMPRESSOR SERVICES**  
 5723 WEATHERSTONE WAY  
 JOHNSBURG, IL  
 US 60051  
 Contact: MIKE BRITT  
 mike@compressorservices.net  
 T: 1(706)455-9081  
 F: (847)497-9754