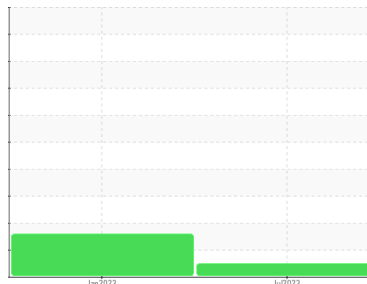


Area
SMART OIL 6000
 Machine Id
HERTZ VD021685 - BALLYMORE

Component
Compressor
 Fluid
SMARTOIL 6000 (--- QTS)



DIAGNOSIS

Recommendation
 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.

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

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		UHK05930943	UHK05752252	---
Sample Date	Client Info		26 Jul 2023	18 Jan 2023	---
Machine Age	hrs	Client Info	5286	2766	---
Oil Age	hrs	Client Info	5286	2766	---
Oil Changed	Client Info		Changed	Changed	---
Sample Status			NORMAL	ATTENTION	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >50	<1	<1	---
Chromium	ppm	ASTM D5185m >10	0	0	---
Nickel	ppm	ASTM D5185m	0	<1	---
Titanium	ppm	ASTM D5185m	<1	0	---
Silver	ppm	ASTM D5185m	0	0	---
Aluminum	ppm	ASTM D5185m >25	0	0	---
Lead	ppm	ASTM D5185m >25	0	0	---
Copper	ppm	ASTM D5185m >50	1	<1	---
Tin	ppm	ASTM D5185m >15	<1	<1	---
Vanadium	ppm	ASTM D5185m	<1	0	---
Cadmium	ppm	ASTM D5185m	0	0	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	0	0	---
Barium	ppm	ASTM D5185m	0	0	---
Molybdenum	ppm	ASTM D5185m	0	0	---
Manganese	ppm	ASTM D5185m	<1	0	---
Magnesium	ppm	ASTM D5185m	2	0	---
Calcium	ppm	ASTM D5185m 20	0	0	---
Phosphorus	ppm	ASTM D5185m	42	84	---
Zinc	ppm	ASTM D5185m	1	6	---
Sulfur	ppm	ASTM D5185m	163	34	---

CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >25	4	12	---
Sodium	ppm	ASTM D5185m	1	0	---
Potassium	ppm	ASTM D5185m >20	0	0	---

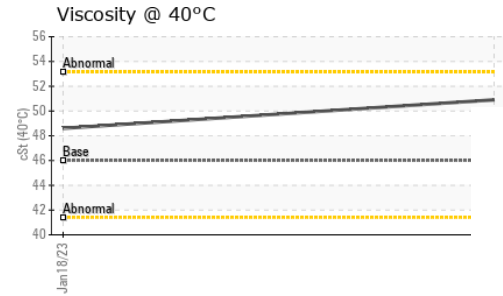
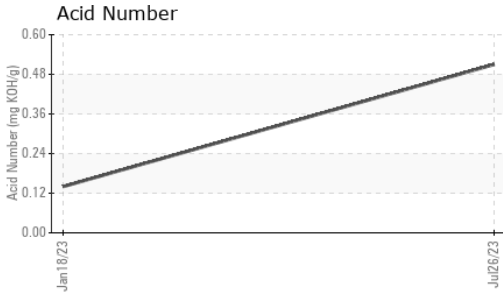
FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045	0.51	0.14	---

VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual NONE	NONE	NONE	---
Precipitate	scalar	*Visual NONE	NONE	NONE	---
Silt	scalar	*Visual NONE	NONE	MODER	---
Debris	scalar	*Visual NONE	NONE	MODER	---
Sand/Dirt	scalar	*Visual NONE	NONE	NONE	---
Appearance	scalar	*Visual NORML	NORML	NORML	---
Odor	scalar	*Visual NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual >0.1	NEG	0.2%	---
Free Water	scalar	*Visual	NEG	▲ 1.0	---

OIL ANALYSIS REPORT



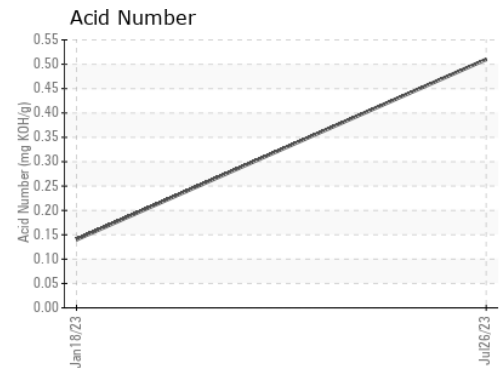
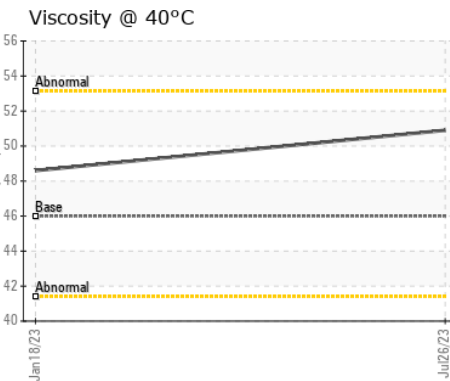
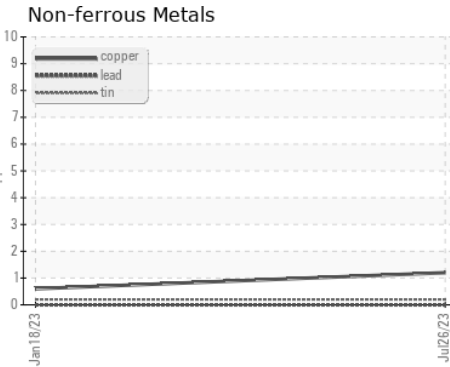
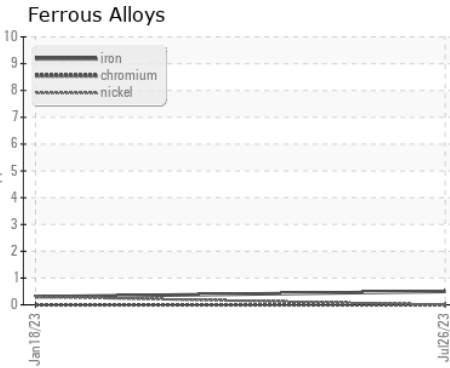
FLUID PROPERTIES

	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445 46	50.9	48.6	---

SAMPLE IMAGES

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : UHK05930943 **Received** : 22 Aug 2023
Lab Number : 05930943 **Diagnosed** : 23 Aug 2023
Unique Number : 10616214 **Diagnostician** : Don Baldrige
Test Package : IND 2

COMPRESSED AIR SERVICES - PA
 919 NORTH TROOPER RD
 NORRISTOWN, PA
 US 19403
 Contact: BOB PRICE
 CAS1088@AOL.COM
 T: (610)631-1088
 F: (610)631-1256

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)