



OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Area
VACUUM PUMP
 Machine Id
VACPUMP-060
 Component
Vacuum Pump
 Fluid
{not provided} (--- GAL)

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		WC0849058	---	---
Sample Date	Client Info		25 Jan 2024	---	---
Machine Age	hrs Client Info		235	---	---
Oil Age	hrs Client Info		235	---	---
Oil Changed	Client Info		Not Chngd	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>.1	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m	>20	0	---	---
Chromium	ppm ASTM D5185m	>20	0	---	---
Nickel	ppm ASTM D5185m	>20	6	---	---
Titanium	ppm ASTM D5185m		0	---	---
Silver	ppm ASTM D5185m		0	---	---
Aluminum	ppm ASTM D5185m	>20	<1	---	---
Lead	ppm ASTM D5185m	>20	1	---	---
Copper	ppm ASTM D5185m	>20	<1	---	---
Tin	ppm ASTM D5185m	>20	<1	---	---
Vanadium	ppm ASTM D5185m		0	---	---
Cadmium	ppm ASTM D5185m		0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m		0	---	---
Barium	ppm ASTM D5185m		0	---	---
Molybdenum	ppm ASTM D5185m		0	---	---
Manganese	ppm ASTM D5185m		<1	---	---
Magnesium	ppm ASTM D5185m		3	---	---
Calcium	ppm ASTM D5185m		11	---	---
Phosphorus	ppm ASTM D5185m		45	---	---
Zinc	ppm ASTM D5185m		10	---	---
Sulfur	ppm ASTM D5185m		143	---	---

CONTAMINANTS

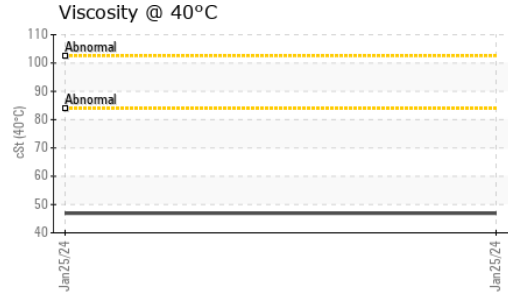
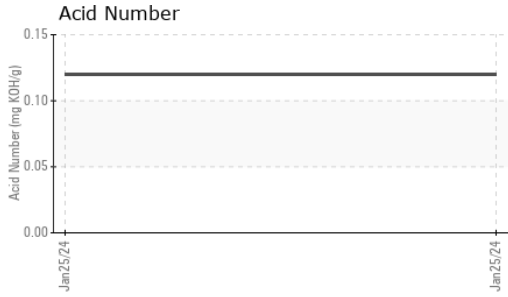
	method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m	>15	2	---	---
Sodium	ppm ASTM D5185m		13	---	---
Potassium	ppm ASTM D5185m	>20	2	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g ASTM D8045		0.12	---	---



OIL ANALYSIS REPORT



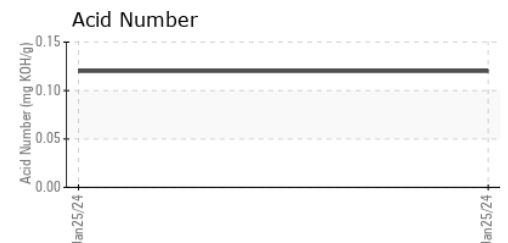
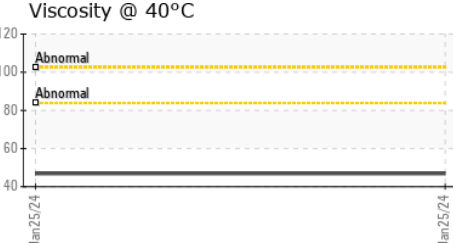
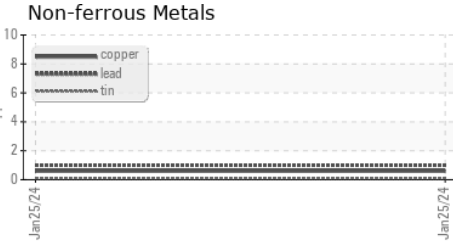
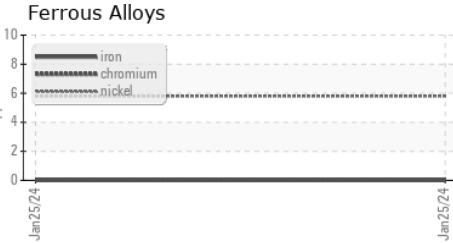
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Precipitate	scalar	*Visual	NONE	NONE	---	---
Silt	scalar	*Visual	NONE	NONE	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	NORML	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>.1	NEG	---	---
Free Water	scalar	*Visual		NEG	---	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	46.9	---	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0849058 **Recieved** : 31 Jan 2024
Lab Number : 06075940 **Diagnosed** : 02 Feb 2024
Unique Number : 10858031 **Diagnostician** : Doug Bogart
Test Package : IND 2

PRINSCO - HUBBARD
 6401 MILLER ROAD
 HUBBARD, OR
 US 97032
 Contact: DAVID ELLIS
 DAVID.ELLIS@PRINSCO.COM
 T:
 F:

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)