



WEAR	NORMAL
CONTAMINATION	ATTENTION
FLUID CONDITION	NORMAL

Area  
**PALASYN 45**  
Machine Id  
**PALATEK 1612150002 - SWIFT**  
Component  
**Compressor**

### RECOMMENDATION

Oil and 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.

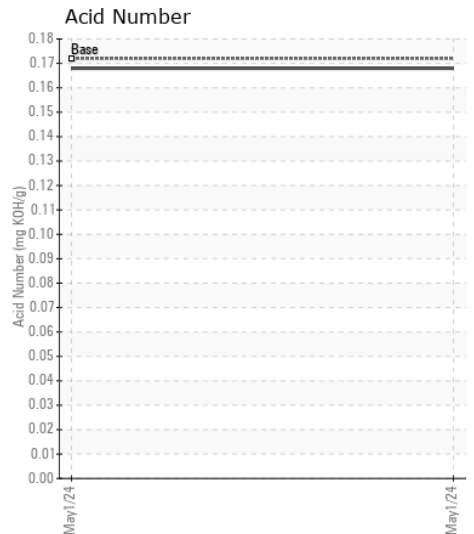
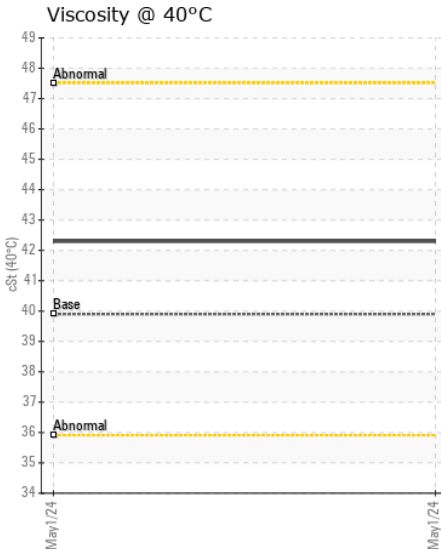
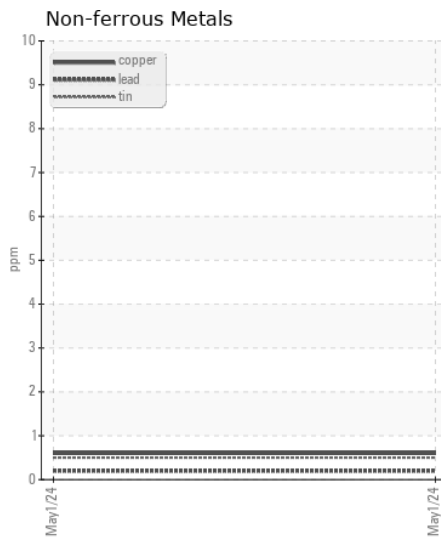
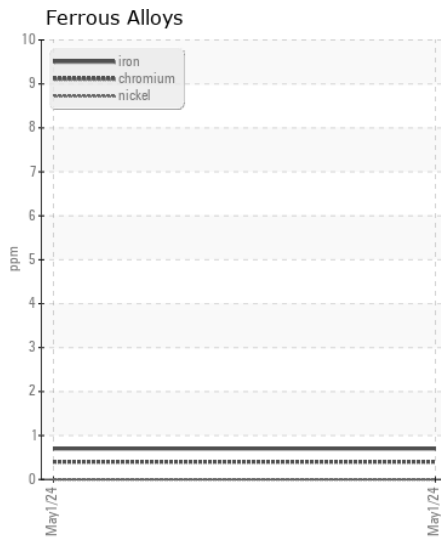
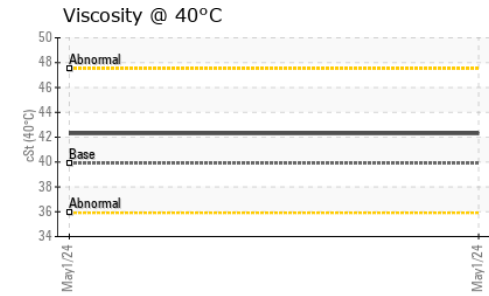
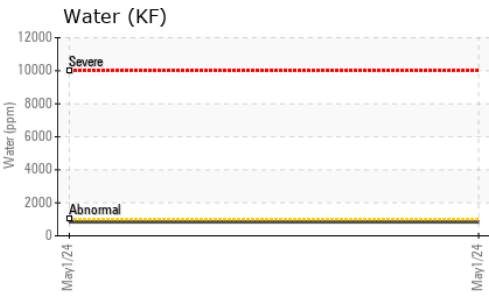
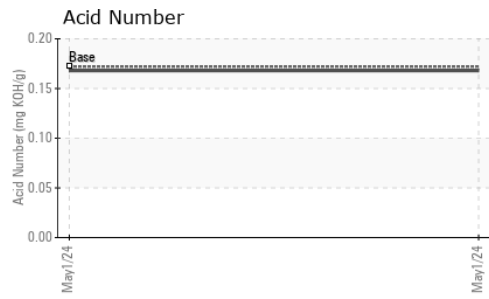
### CONTAMINATION

Excessive free water present.

### FLUID CONDITION

The AN level is acceptable for this fluid.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		UCS06177322	---	---
Sample Date		Client Info		01 May 2024	---	---
Machine Age	hrs	Client Info		7508	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ATTENTION	---	---
Iron	ppm	ASTM D5185m	>50	<1	---	---
Chromium	ppm	ASTM D5185m	>10	<1	---	---
Nickel	ppm	ASTM D5185m		0	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>25	2	---	---
Lead	ppm	ASTM D5185m	>25	<1	---	---
Copper	ppm	ASTM D5185m	>50	<1	---	---
Tin	ppm	ASTM D5185m	>15	<1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---
Silicon	ppm	ASTM D5185m	>25	2	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water	%	ASTM D6304	>0.1	0.084	---	---
ppm Water	ppm	ASTM D6304	>1000	840	---	---
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	>0.1	0.2%	---	---
Sodium	ppm	ASTM D5185m		0	---	---
Boron	ppm	ASTM D5185m	0.0	0	---	---
Barium	ppm	ASTM D5185m	0.0	4	---	---
Molybdenum	ppm	ASTM D5185m	0	<1	---	---
Manganese	ppm	ASTM D5185m	0	0	---	---
Magnesium	ppm	ASTM D5185m	0.0	<1	---	---
Calcium	ppm	ASTM D5185m	0.0	3	---	---
Phosphorus	ppm	ASTM D5185m	966	671	---	---
Zinc	ppm	ASTM D5185m	0	4	---	---
Sulfur	ppm	ASTM D5185m	1309	1258	---	---
Acid Number (AN)	mg KOH/g	ASTM D8045	0.172	0.168	---	---
Visc @ 40°C	cSt	ASTM D445	39.9	42.3	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : UCS06177322 **Received** : 13 May 2024  
**Lab Number** : 06177322 **Tested** : 15 May 2024  
**Unique Number** : 11023375 **Diagnosed** : 15 May 2024 - Don Baldrige  
**Test Package** : IND 2 ( Additional Tests: KF )

**BLAKE AND PENDLETON**

MEMPHIS, TN  
US 38133

Contact: JAY GIANNINI  
JGIANNINI@BLAKEANDPENDLETON.COM

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)

T:  
F: