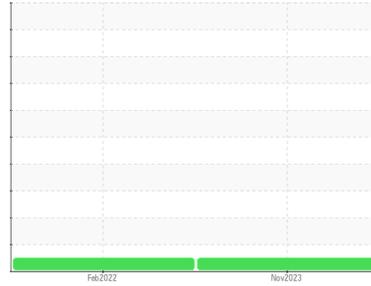


Area
PALEXTRA 44
Machine Id
PALATEK 1806190002 - LORD PARKER-ERIE
Component
Compressor



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	UCS06000621	UCS05483897	---
Sample Date	Client Info	01 Nov 2023	28 Feb 2022	---
Machine Age	hrs	Client Info	27036	17072
Oil Age	hrs	Client Info	2000	2200
Oil Changed	Client Info	N/A	N/A	---
Sample Status		NORMAL	NORMAL	---

WEAR METALS method limit/base current history1 history2

Iron	ppm	ASTM D5185m	>50	0	<1	---
Chromium	ppm	ASTM D5185m	>10	0	0	---
Nickel	ppm	ASTM D5185m		0	<1	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>25	0	<1	---
Lead	ppm	ASTM D5185m	>25	0	1	---
Copper	ppm	ASTM D5185m	>50	<1	16	---
Tin	ppm	ASTM D5185m	>15	0	<1	---
Antimony	ppm	ASTM D5185m		---	<1	---
Vanadium	ppm	ASTM D5185m		0	0	---
Cadmium	ppm	ASTM D5185m		0	0	---

ADDITIVES method limit/base current history1 history2

Boron	ppm	ASTM D5185m	0	0	<1	---
Barium	ppm	ASTM D5185m	0.3	0	<1	---
Molybdenum	ppm	ASTM D5185m	0	0	0	---
Manganese	ppm	ASTM D5185m	0.3	0	0	---
Magnesium	ppm	ASTM D5185m	0.4	0	0	---
Calcium	ppm	ASTM D5185m	0	0	0	---
Phosphorus	ppm	ASTM D5185m	689	508	553	---
Zinc	ppm	ASTM D5185m	0	0	8	---
Sulfur	ppm	ASTM D5185m	1237	448	561	---

CONTAMINANTS method limit/base current history1 history2

Silicon	ppm	ASTM D5185m	>25	2	41	---
Sodium	ppm	ASTM D5185m		<1	<1	---
Potassium	ppm	ASTM D5185m	>20	0	0	---

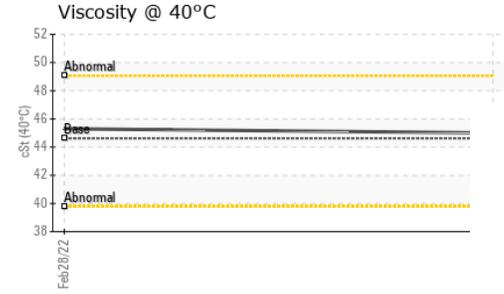
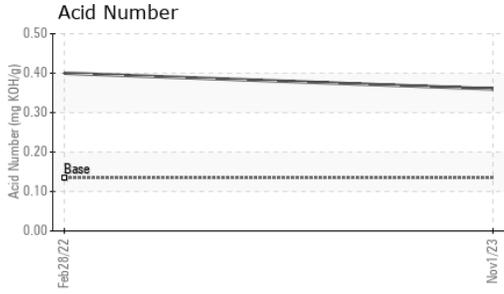
FLUID DEGRADATION method limit/base current history1 history2

Acid Number (AN)	mg KOH/g	ASTM D8045	0.135	0.36	0.40	---
------------------	----------	------------	-------	-------------	------	-----

VISUAL method limit/base current history1 history2

White Metal	scalar	*Visual	NONE	NONE	LIGHT	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
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	NEG	---
Free Water	scalar	*Visual		NEG	---	---

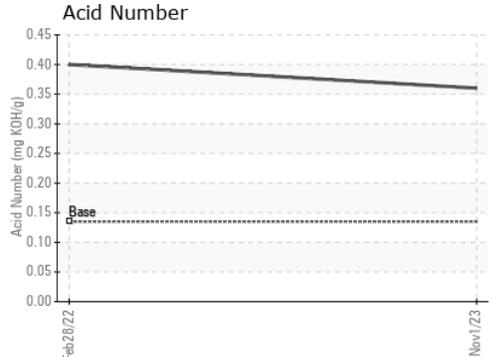
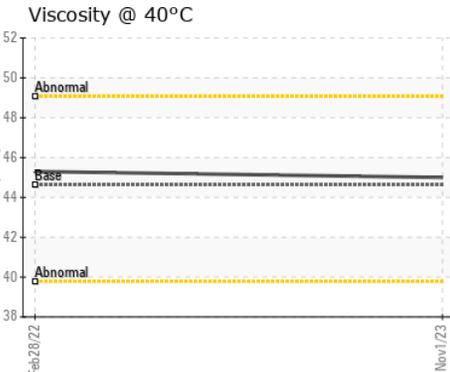
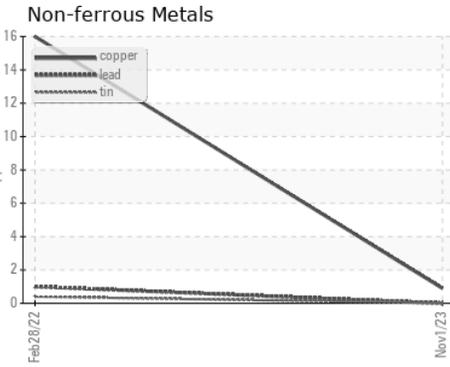
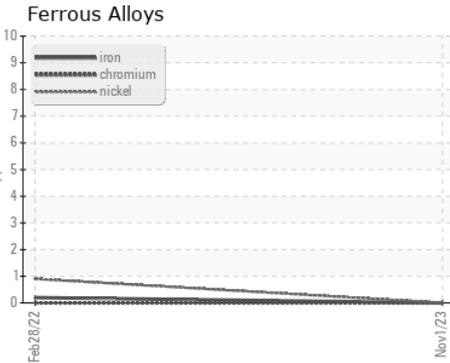
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	44.62	45.0	45.3	---

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. : UCS06000621 **Received** : 07 Nov 2023
Lab Number : **06000621** **Diagnosed** : 09 Nov 2023
Unique Number : 10728981 **Diagnostician** : Don Baldrige
Test Package : IND 2

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)

P.F. SHERMAN CO
 3727 POPLAR AVE
 PITTSBURGH, PA
 US 15234
 Contact: DIANE KOCH
 partsandservice@pfsherman.com
 T: (412)561-8218
 F: