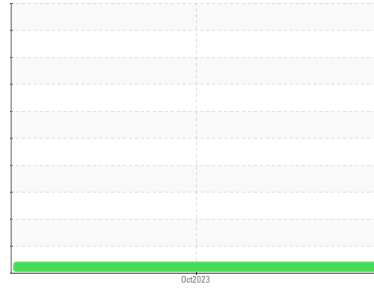




PROBLEM SUMMARY

Sample Rating Trend



VISCOSITY



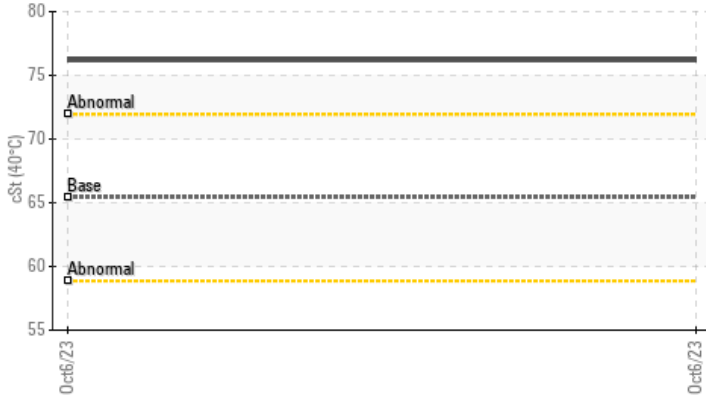
Machine Id
S125 (S/N 5063223)

Component
Screw Compressor

Fluid
ULTRACHEM CHEMLUBE PLUS 68 (80 LTR)

COMPONENT CONDITION SUMMARY

▲ Viscosity @ 40°C



RECOMMENDATION

Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	65.42	▲ 76.2	---	---

Customer Id: PNESTO
Sample No.: WC0855187
Lab Number: 02588004
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
Kevin Marson +1 (289)291-4644 x4644
Kevin.Marson@wearcheck.com

To change component or sample information:
Gloria Gonzalez +1 (289)291-4643 x4643
gloria.gonzalez@wearcheck.com

RECOMMENDED ACTIONS

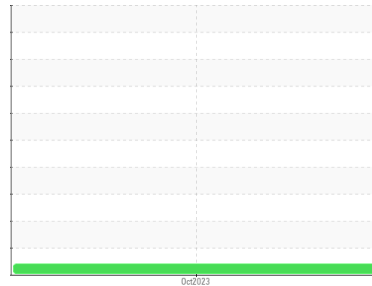
There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS



OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
S125 (S/N 5063223)

Component
Screw Compressor

Fluid
ULTRACHEM CHEMLUBE PLUS 68 (80 LTR)

DIAGNOSIS

▲ Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

The water content is negligible. There is no indication of any contamination in the oil.

▲ Fluid Condition

The oil viscosity is higher than typical. 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		WC0855187	---	---
Sample Date	Client Info		06 Oct 2023	---	---
Machine Age	hrs	Client Info	61822	---	---
Oil Age	hrs	Client Info	657	---	---
Oil Changed	Client Info		N/A	---	---
Sample Status			ABNORMAL	---	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184*		0	---	---
Iron	ppm	ASTM D5185(m) >60	1	---	---
Chromium	ppm	ASTM D5185(m) >4	0	---	---
Nickel	ppm	ASTM D5185(m)	0	---	---
Titanium	ppm	ASTM D5185(m)	0	---	---
Silver	ppm	ASTM D5185(m)	<1	---	---
Aluminum	ppm	ASTM D5185(m) >5	<1	---	---
Lead	ppm	ASTM D5185(m) >10	<1	---	---
Copper	ppm	ASTM D5185(m) >30	<1	---	---
Tin	ppm	ASTM D5185(m) >15	0	---	---
Antimony	ppm	ASTM D5185(m)	0	---	---
Vanadium	ppm	ASTM D5185(m)	0	---	---
Beryllium	ppm	ASTM D5185(m)	0	---	---
Cadmium	ppm	ASTM D5185(m)	0	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185(m) 0	0	---	---
Barium	ppm	ASTM D5185(m) 0	0	---	---
Molybdenum	ppm	ASTM D5185(m) 0.1	0	---	---
Manganese	ppm	ASTM D5185(m) 0	0	---	---
Magnesium	ppm	ASTM D5185(m) 0	0	---	---
Calcium	ppm	ASTM D5185(m) 0	<1	---	---
Phosphorus	ppm	ASTM D5185(m) 225	234	---	---
Zinc	ppm	ASTM D5185(m) 0	2	---	---
Sulfur	ppm	ASTM D5185(m) 1193	851	---	---
Lithium	ppm	ASTM D5185(m)	<1	---	---

CONTAMINANTS

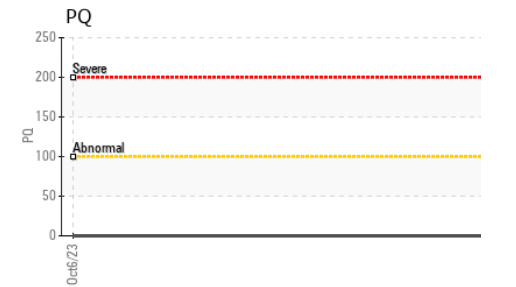
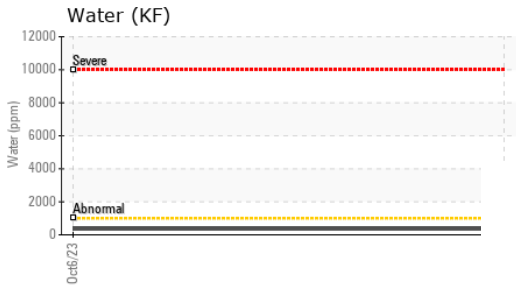
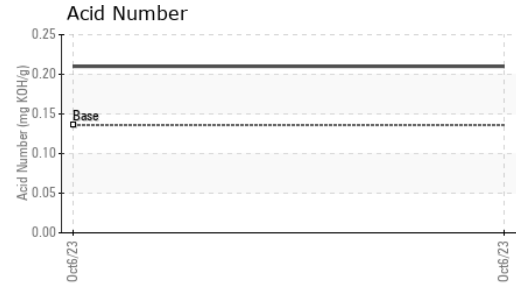
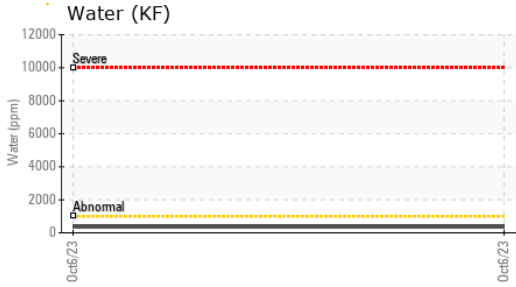
	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m) >50	2	---	---
Sodium	ppm	ASTM D5185(m)	2	---	---
Potassium	ppm	ASTM D5185(m) >20	<1	---	---
Water	%	ASTM D6304* >0.1	0.035	---	---
ppm Water	ppm	ASTM D6304* >1000	357.0	---	---

FLUID DEGRADATION

	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D974* 0.136	0.21	---	---



OIL ANALYSIS REPORT



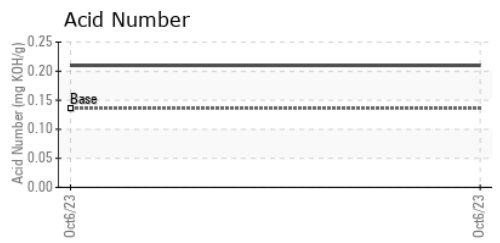
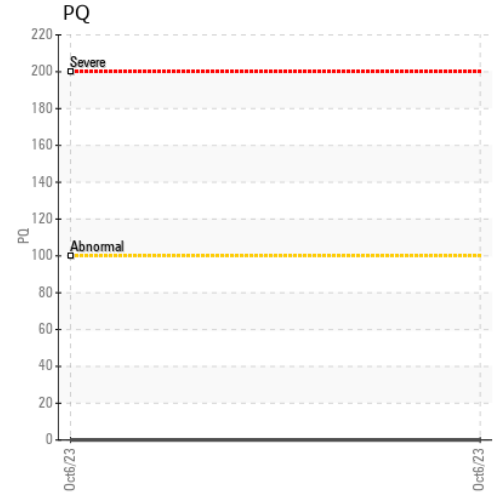
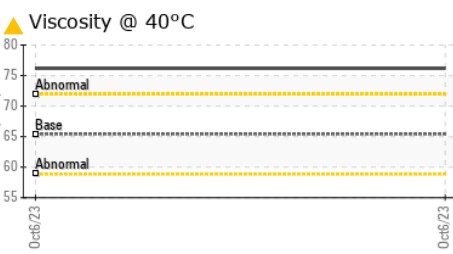
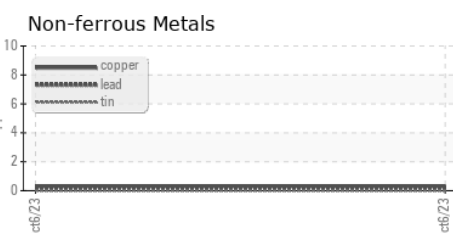
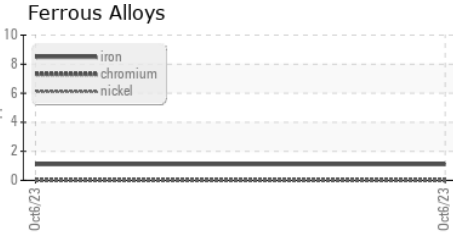
VISUAL	method	limit/base	current	history1	history2	
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---
Precipitate	scalar	Visual*	NONE	NONE	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE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

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	65.42 ▲ 76.2	---	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color				
Bottom				

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0855187 **Received** : 10 Oct 2023
Lab Number : **02588004** **Diagnosed** : 11 Oct 2023
Unique Number : 5657070 **Diagnostician** : Kevin Marson
Test Package : IND 2 (Additional Tests: KF, TAN Man)

PNEU-AIR COMPRESSORS LTD.
 429 DEWITT ROAD, UNIT # 14
 STONEY CREEK, ON
 CA L8E 4G3
 Contact: Allison Neal
 info@pneuair.com
 T: (905)662-2522
 F: (905)662-1766

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.