



Machine Id
GARDNER 02007179

Component
Compressor
Fluid

PETRO CANADA COMPRO XL-S COMPRESSOR FLUID 46 (--- GAL)

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 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	PC0076518	---	---
Sample Date	Client Info	25 Oct 2023	---	---
Machine Age	hrs Client Info	43042	---	---
Oil Age	hrs Client Info	397	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		NORMAL	---	---

WEAR METALS method limit/base current history1 history2

PQ	ASTM D8184*	0	---	---
Iron	ppm ASTM D5185(m) >50	0	---	---
Chromium	ppm ASTM D5185(m) >5	0	---	---
Nickel	ppm ASTM D5185(m)	<1	---	---
Titanium	ppm ASTM D5185(m)	0	---	---
Silver	ppm ASTM D5185(m)	<1	---	---
Aluminum	ppm ASTM D5185(m) >15	0	---	---
Lead	ppm ASTM D5185(m) >65	0	---	---
Copper	ppm ASTM D5185(m) >65	<1	---	---
Tin	ppm ASTM D5185(m) >10	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)	<1	---	---
Barium	ppm ASTM D5185(m) 20	<1	---	---
Molybdenum	ppm ASTM D5185(m)	0	---	---
Manganese	ppm ASTM D5185(m)	0	---	---
Magnesium	ppm ASTM D5185(m)	0	---	---
Calcium	ppm ASTM D5185(m) 20	<1	---	---
Phosphorus	ppm ASTM D5185(m) 320	<1	---	---
Zinc	ppm ASTM D5185(m) 20	<1	---	---
Sulfur	ppm ASTM D5185(m) 3000	2612	---	---
Lithium	ppm ASTM D5185(m)	<1	---	---

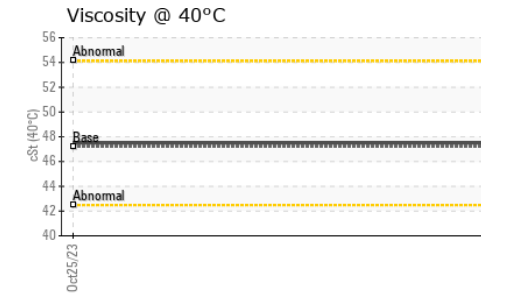
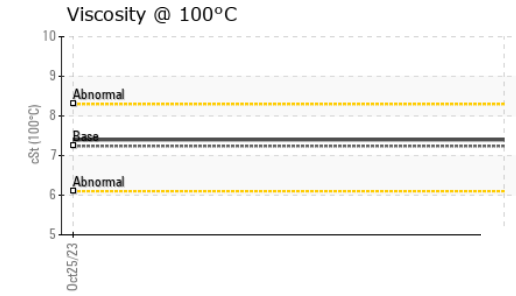
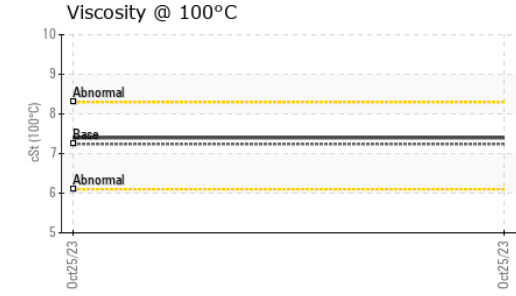
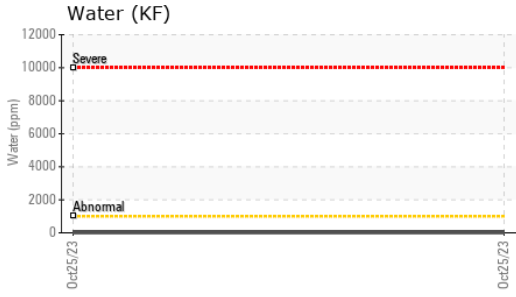
CONTAMINANTS method limit/base current history1 history2

Silicon	ppm ASTM D5185(m) >35	5	---	---
Sodium	ppm ASTM D5185(m)	<1	---	---
Potassium	ppm ASTM D5185(m) >20	0	---	---
Water	% ASTM D6304* >0.1	0.001	---	---
ppm Water	ppm ASTM D6304* >1000	11.0	---	---

FLUID DEGRADATION method limit/base current history1 history2

Acid Number (AN)	mg KOH/g ASTM D974* 0.14	0.09	---	---
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OIL ANALYSIS REPORT

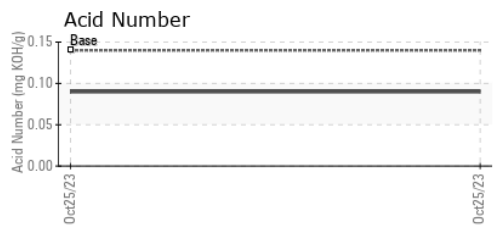
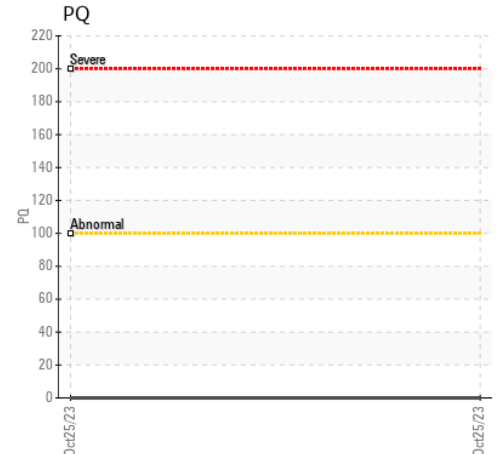
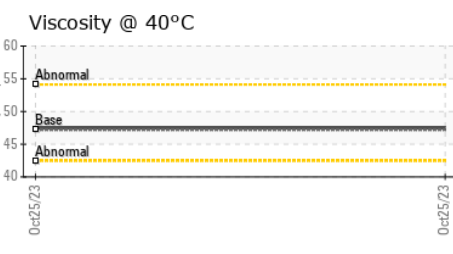
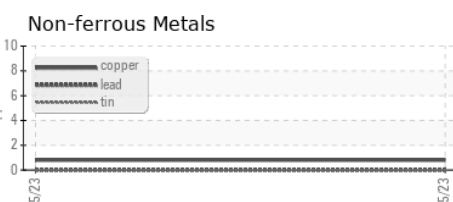
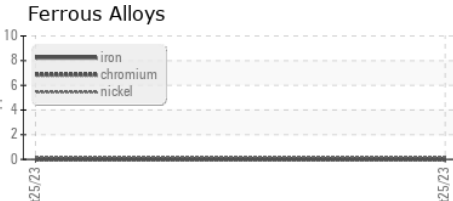


VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	Visual*	NONE	NONE	---
Yellow Metal	scalar	Visual*	NONE	NONE	---
Precipitate	scalar	Visual*	NONE	NONE	---
Silt	scalar	Visual*	NONE	NONE	---
Debris	scalar	Visual*	NONE	NONE	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---
Appearance	scalar	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)	47.2	47.5	---
Visc @ 100°C	cSt	ASTM D7279(m)	7.24	7.4	---
Viscosity Index (VI)	Scale	ASTM D2270*	114	118	---

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

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **CAMTAC MFG (division of Linamar)**
Sample No. : PC0076518 **Received** : 31 Oct 2023 148 ARROW RD
Lab Number : 02592972 **Diagnosed** : 01 Nov 2023 GUELPH, ON
Unique Number : 5670051 **Diagnostician** : Wes Davis CA N1K 1T4
Test Package : IND 2 (Additional Tests: KF, KV100, VI)
 Contact: Stu Burbidge
 stu.burbidge@linamar.com
 T: (519)780-2270
 F: (519)780-2274

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.