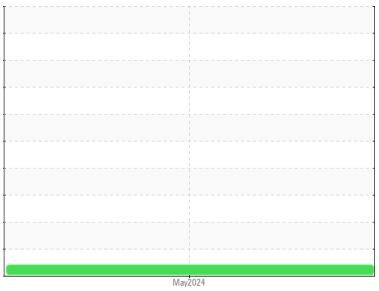
OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY

Machine Id
TUXPAN
Component
Heat Transfer Fluid
Fluid
{not provided} (--- LTR)

DIAGNOSIS

Recommendation
The fluid is suitable for further service. Resample at the next service interval to monitor. All tests and evaluation performed at WearCheck Canada.

Fluid Condition
Visc @ 40°C is abnormally low.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**TO106913493**	---	---
Sample Date		Client Info		**27 May 2024**	---	---
Machine Age	hrs	Client Info		**0**	---	---
Oil Age	hrs	Client Info		**0**	---	---
Oil Changed		Client Info		**N/A**	---	---
Sample Status				**ABNORMAL**	---	---

WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	**13**	---	---
Chromium	ppm	ASTM D5185m	>21	**0**	---	---
Nickel	ppm	ASTM D5185m	>21	**0**	---	---
Titanium	ppm	ASTM D5185m	>21	**0**	---	---
Silver	ppm	ASTM D5185m	>21	**0**	---	---
Aluminum	ppm	ASTM D5185m	>21	**0**	---	---
Lead	ppm	ASTM D5185m	>21	**0**	---	---
Copper	ppm	ASTM D5185m	>21	**0**	---	---
Tin	ppm	ASTM D5185m	>21	**<1**	---	---
Antimony	ppm	ASTM D5185m	>21	**0**	---	---
Vanadium	ppm	ASTM D5185m		**0**	---	---
Beryllium	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		**0**	---	---
Magnesium	ppm	ASTM D5185m		**<1**	---	---
Calcium	ppm	ASTM D5185m		**1**	---	---
Phosphorus	ppm	ASTM D5185m		**5**	---	---
Zinc	ppm	ASTM D5185m		**<1**	---	---
Sulfur	ppm	ASTM D5185m		**3791**	---	---
Lithium	ppm	ASTM D5185m		**<1**	---	---

CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	**1**	---	---
Sodium	ppm	ASTM D5185m	>21	**0**	---	---
Potassium	ppm	ASTM D5185m	>20	**<1**	---	---
Water	%	ASTM D6304	>0.0601	**0.001**	---	---
ppm Water	ppm	ASTM D6304	>601	**8**	---	---

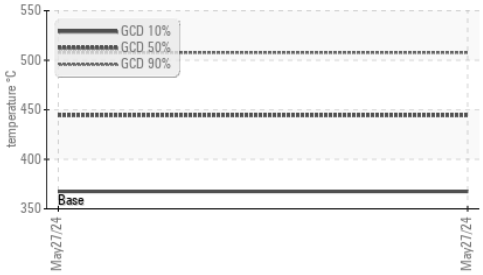
FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		**0.22**	---	---

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		▲ **45.4**	---	---
COC Flash Point	°C	ASTM D92		**228**	---	---

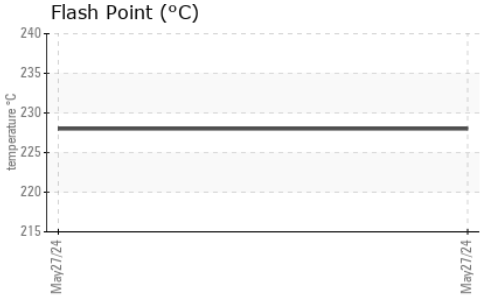
SEDIMENT		method	limit/base	current	history1	history2
Pentane Insolubles	%	*ASTM D893		**0.087**	---	---

OIL ANALYSIS REPORT

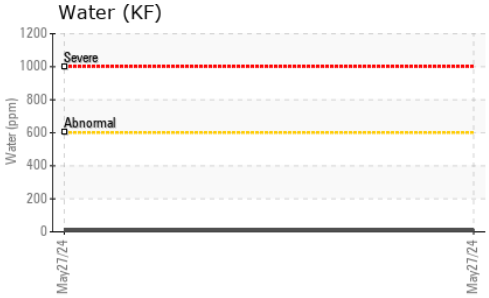
Gas Chromatography (GCD)



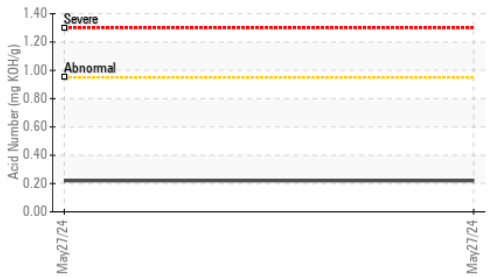
Flash Point (°C)



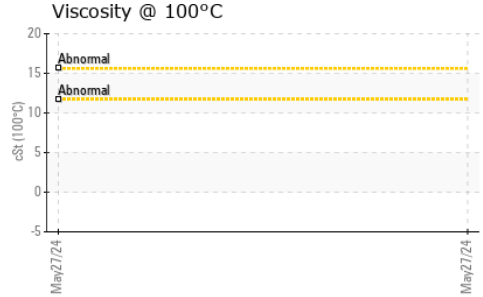
Water (KF)



Acid Number



Viscosity @ 100°C

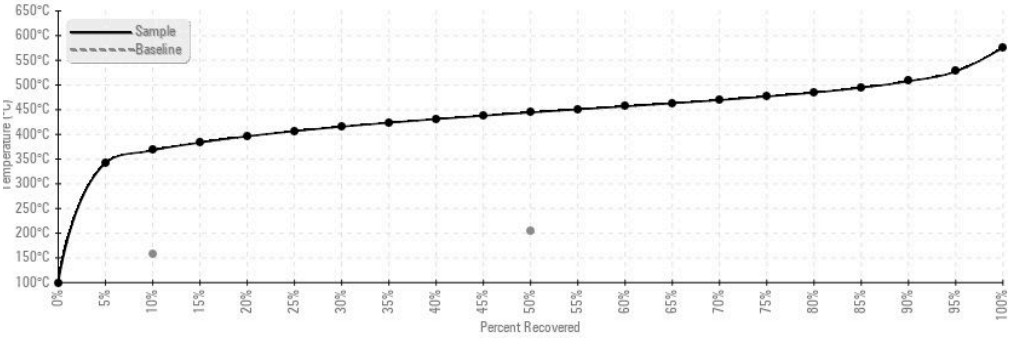


SIMULATED DISTILLATON (GCD)		method	limit/base	current	history1	history2
(GCD) % < 335°C	°C	*ASTM D2887		**3.69**	---	---
(GCD) Initial Boiling Point	°C	*ASTM D2887	122	**98.0**	---	---
(GCD) 5% Distillation Point	°C	*ASTM D2887		**342.0**	---	---
(GCD) 10% Distillation Point	°C	*ASTM D2887	157	**367.5**	---	---
(GCD) 20% Distillation Point	°C	*ASTM D2887		**396.1**	---	---
(GCD) 30% Distillation Point	°C	*ASTM D2887		**415.6**	---	---
(GCD) 40% Distillation Point	°C	*ASTM D2887		**430.9**	---	---
(GCD) 50% Distillation Point	°C	*ASTM D2887	204	**444.4**	---	---
(GCD) 60% Distillation Point	°C	*ASTM D2887		**456.7**	---	---
(GCD) 70% Distillation Point	°C	*ASTM D2887		**469.5**	---	---
(GCD) 80% Distillation Point	°C	*ASTM D2887		**484.7**	---	---
(GCD) 90% Distillation Point	°C	*ASTM D2887		**507.7**	---	---
(GCD) FBP% Distillation Point	°C	*ASTM D2887	322	**575.5**	---	---

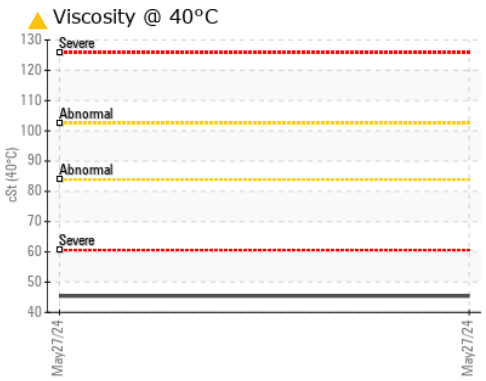
SAMPLE IMAGES	method	limit/base	current	history1	history2
Color			*no image*	*no image*	*no image*
Bottom			*no image*	*no image*	*no image*

GRAPHS

Gas Chromatography Distillation (GCD)



Viscosity @ 40°C



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TO106913493 **Received** : 28 May 2024
Lab Number : 06193493 **Tested** : 17 Jun 2024
Unique Number : 11050245 **Diagnosed** : 17 Jun 2024 - Doug Bogart
Test Package : IND 2 (Additional Tests: COC Flash, GCD, KF, KV100, PntInsol, VI)

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)

ERGON - TUXPAN
LOTE 1 MANZANA 3, PARK INDUSTRIAL, LITORAL DEL GOLFO
TUXPAN, ZZ
MX 92770
Contact: NAPOLEON CRUZ
napoleon.cruz@ergon.com
T:
F:

Report Id: ERGTUX [WUSCAR] 06193493 (Generated: 06/21/2024 11:50:25) Rev: 1
Contact/Location: NAPOLEON CRUZ - ERGTUX