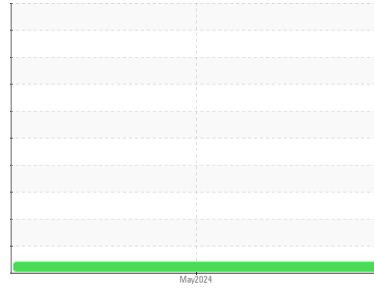


OIL ANALYSIS REPORT

Sample Rating Trend



VISCOSITY



Machine Id
HEAT TRANSFER
 Component
Heat Transfer Fluid
 Fluid
{not provided} (--- GAL)

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			TO10003418	---	---
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	6	---	---
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	0	---	---
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		0	---	---
Phosphorus	ppm	ASTM D5185m		0	---	---
Zinc	ppm	ASTM D5185m		<1	---	---
Sulfur	ppm	ASTM D5185m		4307	---	---
Lithium	ppm	ASTM D5185m		<1	---	---

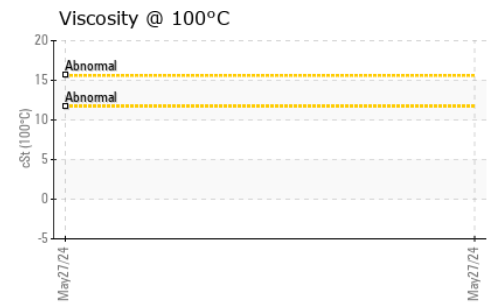
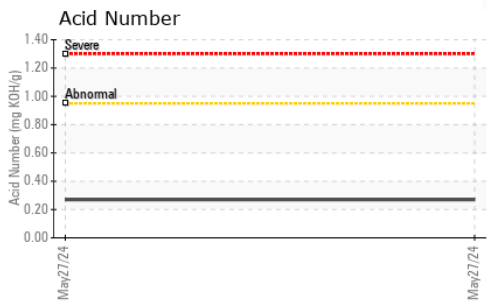
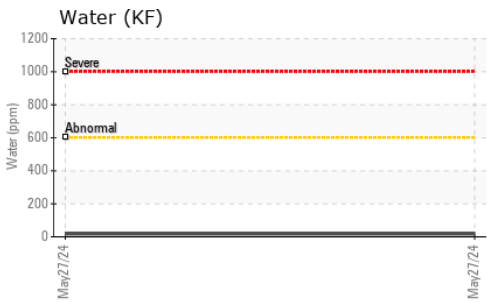
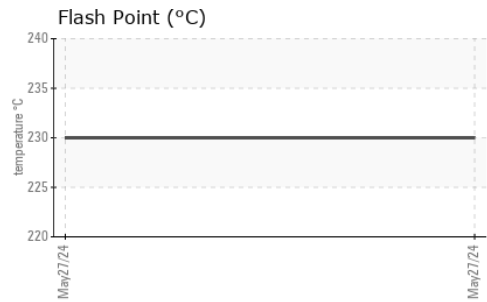
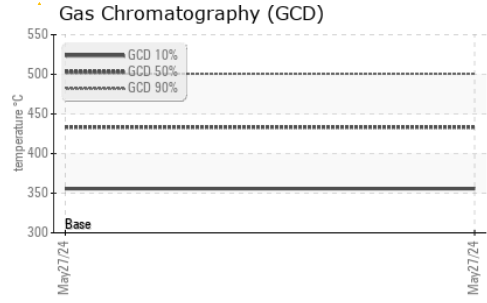
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>25	<1	---	---
Sodium	ppm	ASTM D5185m	>21	1	---	---
Potassium	ppm	ASTM D5185m	>20	<1	---	---
Water	%	ASTM D6304	>0.0601	0.002	---	---
ppm Water	ppm	ASTM D6304	>601	18	---	---

FLUID DEGRADATION		method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.27	---	---

FLUID PROPERTIES		method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445		▲ 38.7	---	---
COC Flash Point	°C	ASTM D92		230	---	---

SEDIMENT		method	limit/base	current	history1	history2
Pentane Insolubles	%	*ASTM D893		0.155	---	---

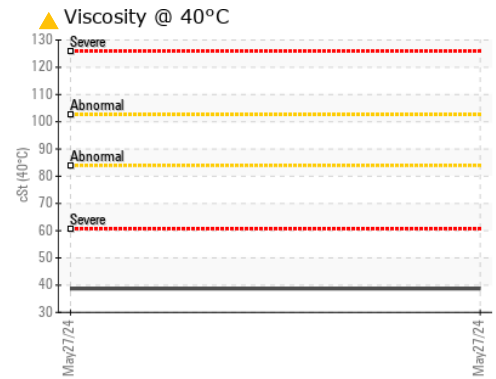
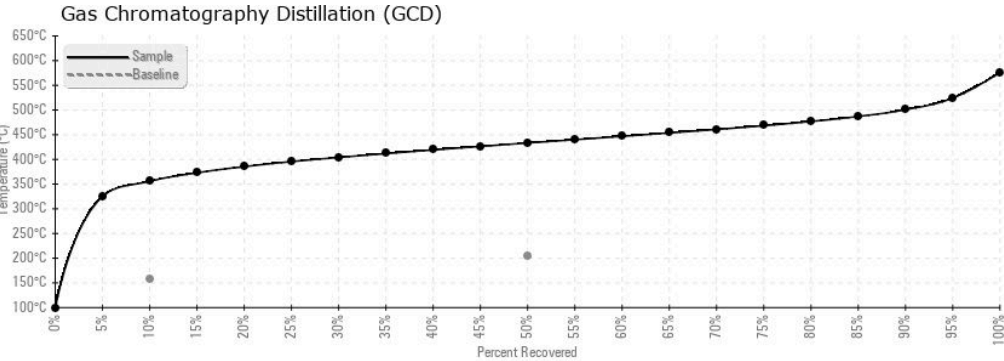
OIL ANALYSIS REPORT



SIMULATED DISTILLATION (GCD)	method	limit/base	current	history1	history2
(GCD) % < 335°C	°C	*ASTM D2887	5.74	---	---
(GCD) Initial Boiling Point	°C	*ASTM D2887	98.3	---	---
(GCD) 5% Distillation Point	°C	*ASTM D2887	325.2	---	---
(GCD) 10% Distillation Point	°C	*ASTM D2887	355.7	---	---
(GCD) 20% Distillation Point	°C	*ASTM D2887	385.4	---	---
(GCD) 30% Distillation Point	°C	*ASTM D2887	404.0	---	---
(GCD) 40% Distillation Point	°C	*ASTM D2887	419.2	---	---
(GCD) 50% Distillation Point	°C	*ASTM D2887	433.3	---	---
(GCD) 60% Distillation Point	°C	*ASTM D2887	446.8	---	---
(GCD) 70% Distillation Point	°C	*ASTM D2887	460.7	---	---
(GCD) 80% Distillation Point	°C	*ASTM D2887	476.9	---	---
(GCD) 90% Distillation Point	°C	*ASTM D2887	500.7	---	---
(GCD) FB% Distillation Point	°C	*ASTM D2887	576.0	---	---

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

GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TO10003418
Lab Number : **06193482**
Unique Number : 11050234
Test Package : IND 2 (Additional Tests: COC Flash, GCD, KF, KV100, PntInsol, VI)

ERGON - HERMOSILLO
 CALLE DE LOS PIMAS NO 75, PARQUE INDUSTRIAL
 HERMOSILLO, ZZ
 MX 83299
 Contact: ULISES MASCORRO
 ulises.mascorro@ergon.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: