

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
F1 EAST MIXER

Component
Gearbox

Fluid
MOBIL MOBILGEAR 600 XP ISO100 (--- QTS)

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 condition of the oil is acceptable for the time in service.

SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		TO60002432	---	---
Sample Date	Client Info		23 Apr 2024	---	---
Machine Age	hrs	Client Info	0	---	---
Oil Age	hrs	Client Info	0	---	---
Oil Changed		Client Info	N/A	---	---
Sample Status			NORMAL	---	---

CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.2	NEG	---	---

WEAR METALS

	method	limit/base	current	history1	history2
PQ	ASTM D8184		13	---	---
Iron	ppm	ASTM D5185m >200	15	---	---
Chromium	ppm	ASTM D5185m >15	<1	---	---
Nickel	ppm	ASTM D5185m >15	<1	---	---
Titanium	ppm	ASTM D5185m	<1	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m >25	2	---	---
Lead	ppm	ASTM D5185m >100	<1	---	---
Copper	ppm	ASTM D5185m >200	<1	---	---
Tin	ppm	ASTM D5185m >25	<1	---	---
Vanadium	ppm	ASTM D5185m	<1	---	---
Cadmium	ppm	ASTM D5185m	<1	---	---

ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	6	---	---
Barium	ppm	ASTM D5185m	0	---	---
Molybdenum	ppm	ASTM D5185m	<1	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m	2	---	---
Calcium	ppm	ASTM D5185m	8	---	---
Phosphorus	ppm	ASTM D5185m	268	---	---
Zinc	ppm	ASTM D5185m	19	---	---
Sulfur	ppm	ASTM D5185m	5608	---	---

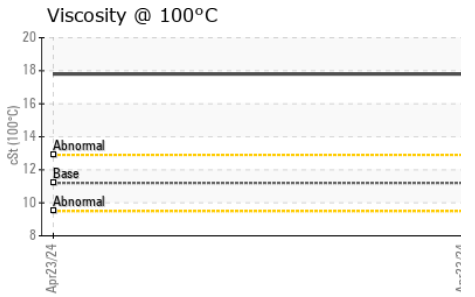
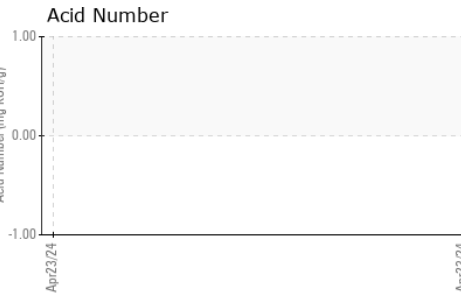
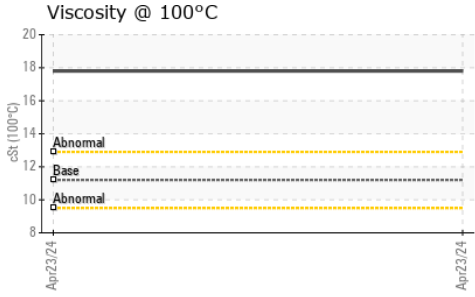
CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >50	<1	---	---
Sodium	ppm	ASTM D5185m	<1	---	---
Potassium	ppm	ASTM D5185m >20	8	---	---

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 >0.2	NEG	---	---
Free Water	scalar	*Visual	NEG	---	---

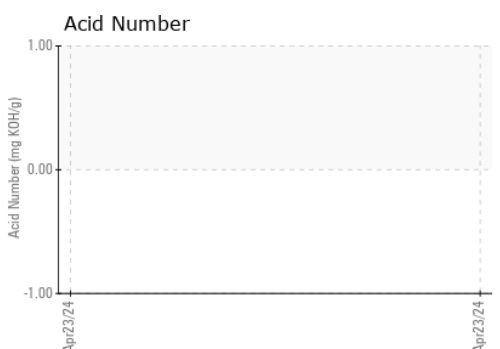
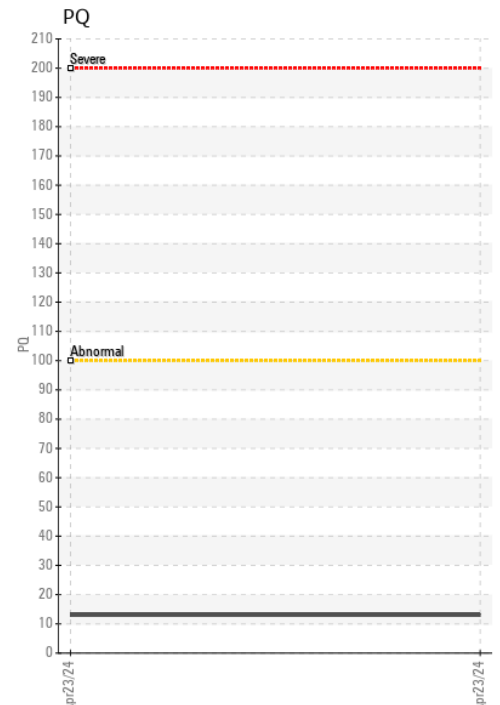
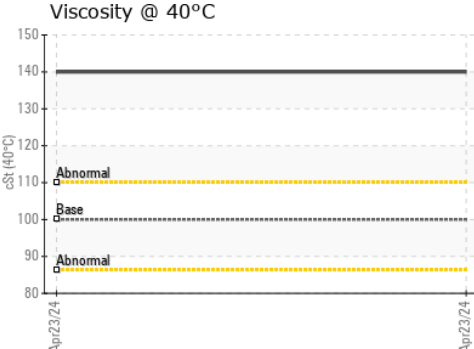
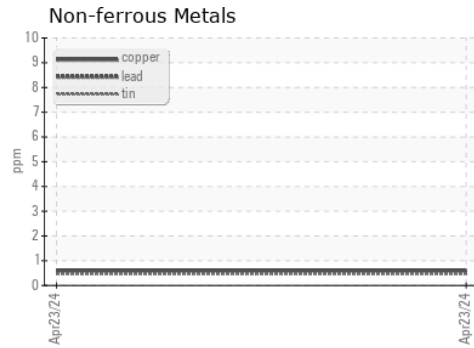
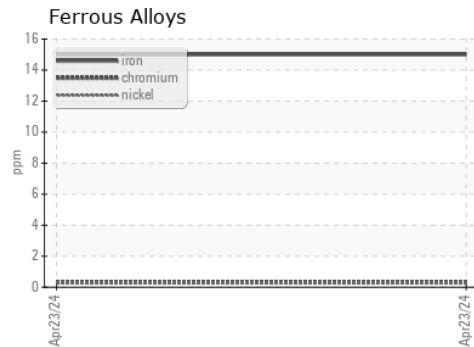
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	100	140	---
Visc @ 100°C	cSt	ASTM D445	11.2	17.8	---
Viscosity Index (VI)	Scale	ASTM D2270	97	140	---

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

GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TO60002432 **Received** : 23 Apr 2024
Lab Number : **06158564** **Tested** : 25 Apr 2024
Unique Number : 10993987 **Diagnosed** : 25 Apr 2024 - Jonathan Hester
Test Package : IND 2 (Additional Tests: KV100, PQ, VI)

PILKINGTON
 13121 ROCKY FORD RD
 LAURINBERG, NC
 US 28352
 Contact: ANTHONY PRATO

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: