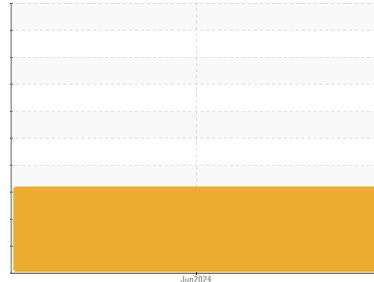




OIL ANALYSIS REPORT

Sample Rating Trend



WATER



Machine Id
XPERT 80
 Component
New (Unused) Oil
 Fluid
 {not provided} (--- QTS)

DIAGNOSIS

▲ Recommendation

This is a baseline read-out on the submitted sample.

▲ Contamination

Free water present. There is a trace of moisture present in the oil.

SAMPLE INFORMATION	method	limit/base	current	history1	history2
Sample Number	Client Info		WC0941228	---	---
Sample Date	Client Info		13 Jun 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	0	---	---
Chromium	ppm	ASTM D5185m	0	---	---
Nickel	ppm	ASTM D5185m	<1	---	---
Titanium	ppm	ASTM D5185m	0	---	---
Silver	ppm	ASTM D5185m	0	---	---
Aluminum	ppm	ASTM D5185m	0	---	---
Lead	ppm	ASTM D5185m	0	---	---
Copper	ppm	ASTM D5185m	1	---	---
Tin	ppm	ASTM D5185m	0	---	---
Vanadium	ppm	ASTM D5185m	0	---	---
Cadmium	ppm	ASTM D5185m	2	---	---

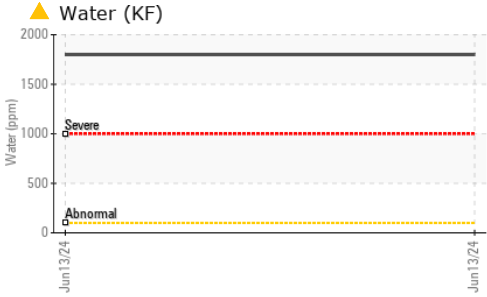
ADDITIVES	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	<1	---	---
Barium	ppm	ASTM D5185m	<1	---	---
Molybdenum	ppm	ASTM D5185m	0	---	---
Manganese	ppm	ASTM D5185m	<1	---	---
Magnesium	ppm	ASTM D5185m	70	---	---
Calcium	ppm	ASTM D5185m	146	---	---
Phosphorus	ppm	ASTM D5185m	344	---	---
Zinc	ppm	ASTM D5185m	452	---	---
Sulfur	ppm	ASTM D5185m	7794	---	---

CONTAMINANTS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	1	---	---
Sodium	ppm	ASTM D5185m	13	---	---
Potassium	ppm	ASTM D5185m >20	3	---	---
Water	%	ASTM D6304	▲ 0.180	---	---
ppm Water	ppm	ASTM D6304	▲ 1800	---	---

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	NEG	---	---
Free Water	scalar	*Visual	▲ 1.0	---	---



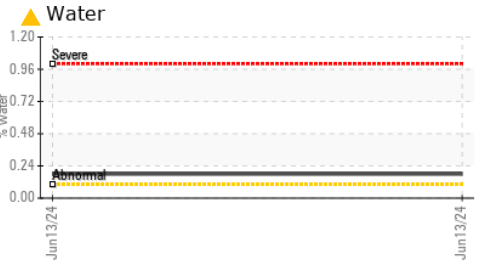
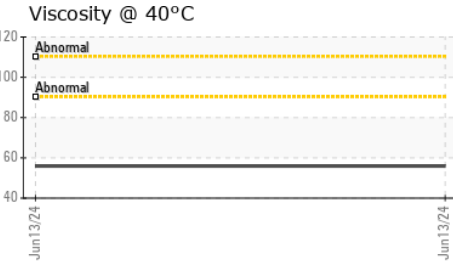
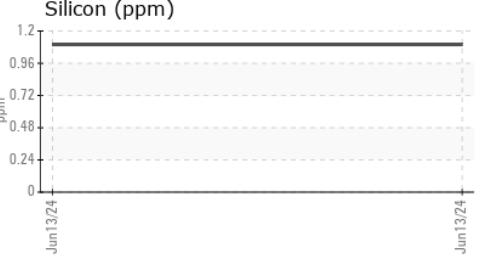
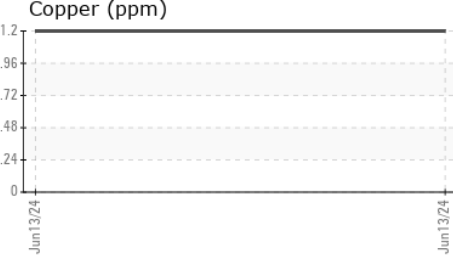
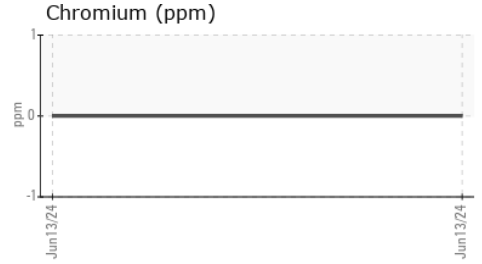
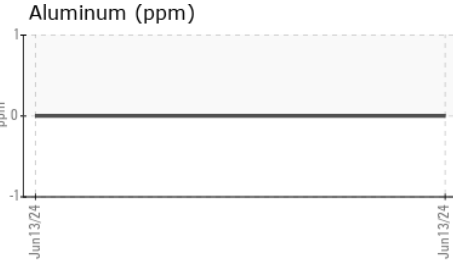
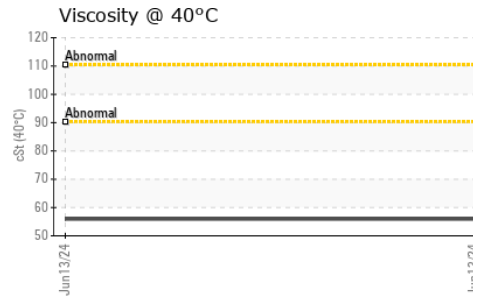
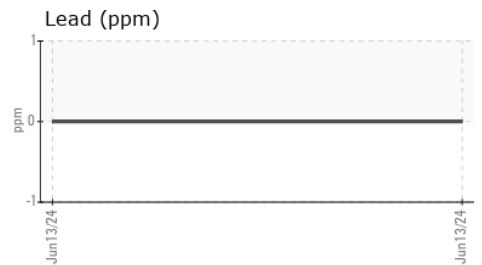
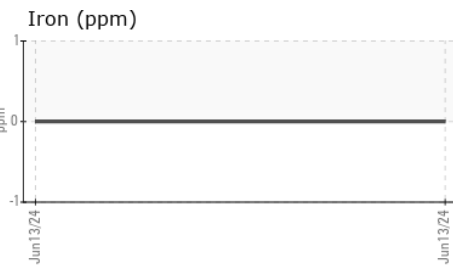
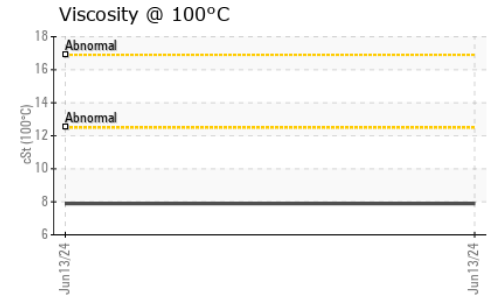
OIL ANALYSIS REPORT



FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	55.93	---	---
Visc @ 100°C	cSt	ASTM D445	7.89	---	---
Viscosity Index (VI)	Scale	ASTM D2270	106	---	---

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. : WC0941228 **Received** : 13 Jun 2024
Lab Number : 06209073 **Tested** : 20 Jun 2024
Unique Number : 11076534 **Diagnosed** : 20 Jun 2024 - Jonathan Hester
Test Package : MOB 1 (Additional Tests: FT-IR, ICP-NewOil, KF, KV100, VI)

MALOYA
 65 A MALL DR
 COMMACK, NY
 US 11725-2903
 Contact: Service Manager

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: