



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
SCALE
 Component
Genset
 Fluid
DIESEL ENGINE OIL SAE 40 (--- QTS)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0840562	WC0840564	---
Sample Date		Client Info		25 Jun 2024	01 Jun 2024	---
Machine Age	hrs	Client Info		6916	1154	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	N/A	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	ABNORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	3	4	---
Chromium	ppm	ASTM D5185m	>4	0	0	---
Nickel	ppm	ASTM D5185m	>2	0	0	---
Titanium	ppm	ASTM D5185m		0	<1	---
Silver	ppm	ASTM D5185m	>5	0	0	---
Aluminum	ppm	ASTM D5185m	>12	<1	<1	---
Lead	ppm	ASTM D5185m	>17	8	6	---
Copper	ppm	ASTM D5185m	>70	0	0	---
Tin	ppm	ASTM D5185m	>15	0	<1	---
Vanadium	ppm	ASTM D5185m		0	<1	---
White Metal	scalar	*Visual	NONE	NONE	▲ MODER	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

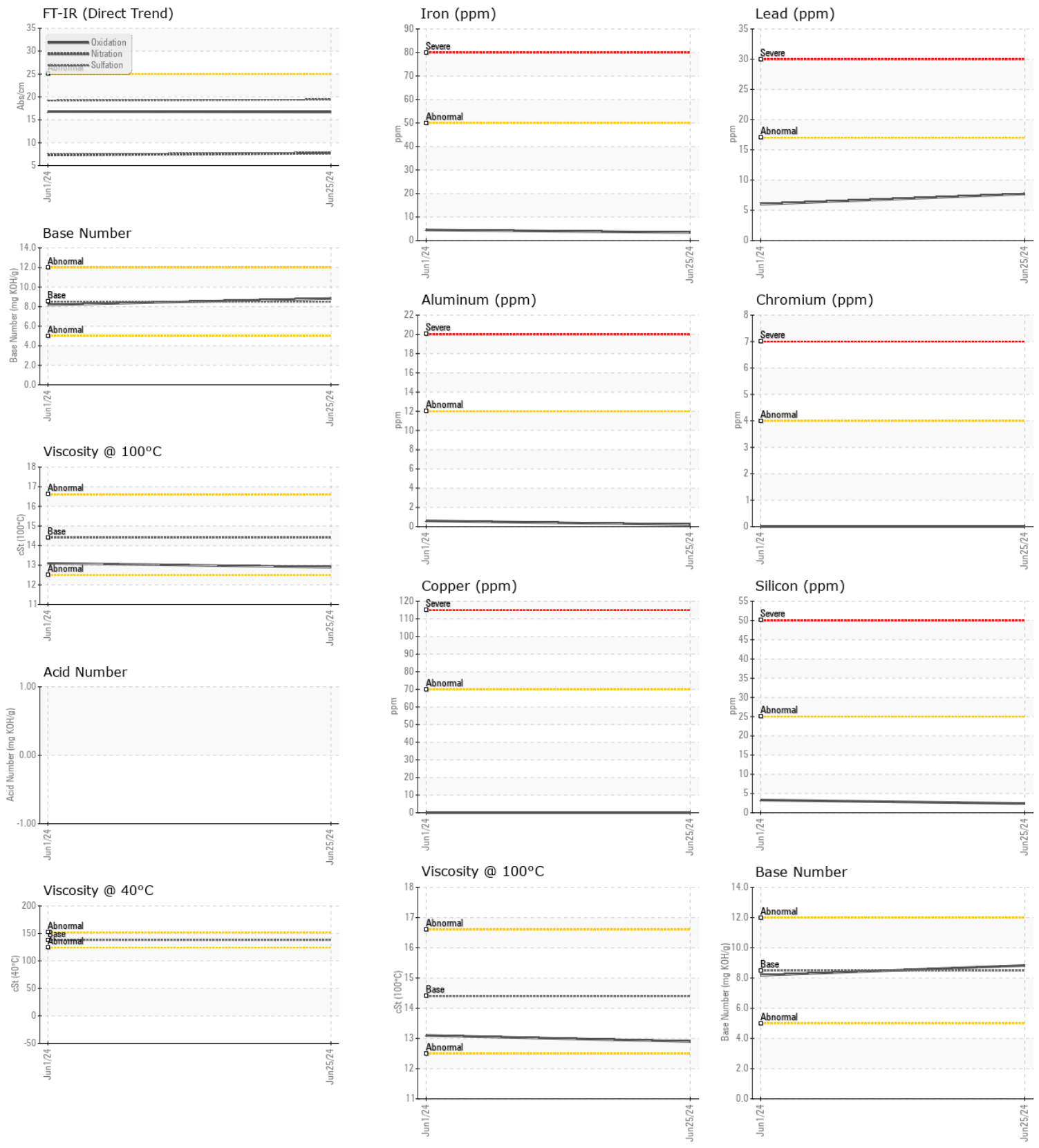
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>25	2	3	---
Potassium	ppm	ASTM D5185m	>20	0	<1	---
Fuel		WC Method	>4.0	<1.0	<1.0	---
Water		WC Method	>0.1	NEG	NEG	---
Glycol		WC Method		NEG	NEG	---
Soot %	%	*ASTM D7844		0.1	0.1	---
Nitration	Abs/cm	*ASTM D7624	>20	7.7	7.3	---
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.4	19.2	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	---

FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m	>216	2	2	---
Boron	ppm	ASTM D5185m	250	12	13	---
Barium	ppm	ASTM D5185m	10	0	0	---
Molybdenum	ppm	ASTM D5185m	100	49	52	---
Manganese	ppm	ASTM D5185m		0	<1	---
Magnesium	ppm	ASTM D5185m	450	724	777	---
Calcium	ppm	ASTM D5185m	3000	1287	1327	---
Phosphorus	ppm	ASTM D5185m	1150	946	1006	---
Zinc	ppm	ASTM D5185m	1350	1154	1239	---
Sulfur	ppm	ASTM D5185m	4250	3729	3692	---
Oxidation	Abs/.1mm	*ASTM D7414	>25	16.7	16.8	---
Base Number (BN)	mg KOH/g	ASTM D2896	8.5	8.83	8.18	---
Visc @ 100°C	cSt	ASTM D445	14.4	12.9	13.1	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0840562 **Received** : 01 Jul 2024
Lab Number : 06225336 **Tested** : 03 Jul 2024
Unique Number : 11103533 **Diagnosed** : 03 Jul 2024 - Don Baldrige
Test Package : MOB 2 (Additional Tests: KV40, TAN Man)

ADEN SLATE LLC
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 STATE HILL, NY
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Contact: Service Manager
 SAFETY@ADENAGGREGATE.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: