



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id
6 (S/N 302)
 Component
Natural Gas Engine
 Fluid
LO-ASH ENGINE OIL SAE 40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) LO-ASH ENGINE OIL SAE 40. Please confirm.
 Please specify the component make and model with your next sample.

WEAR

All component wear rates are normal.

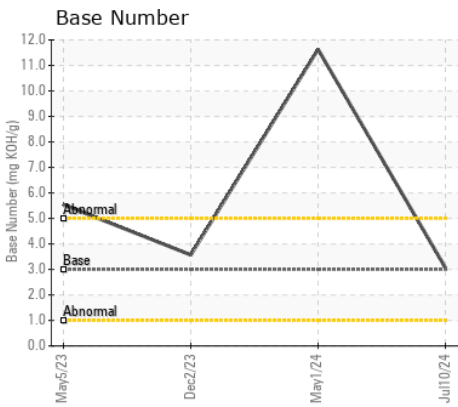
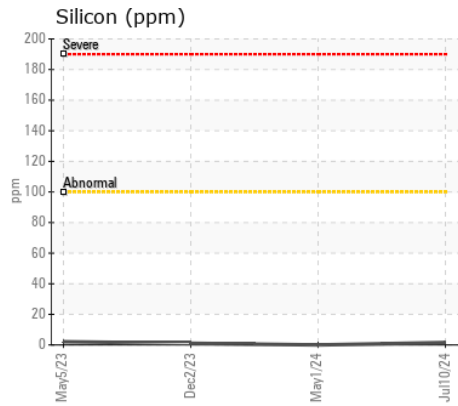
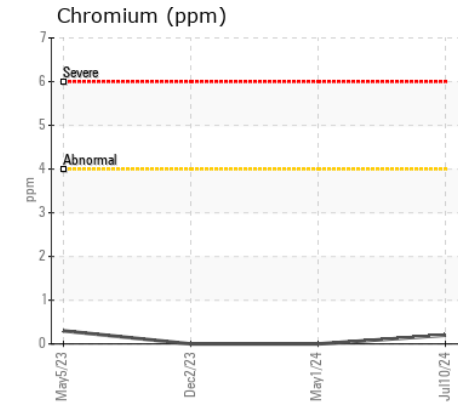
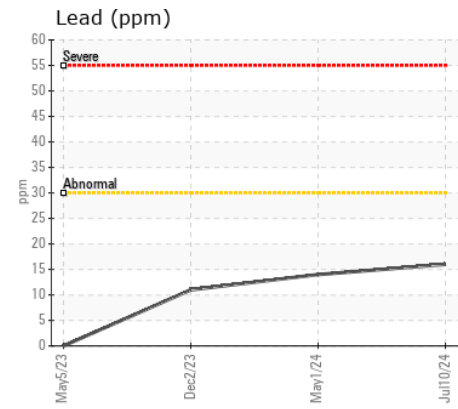
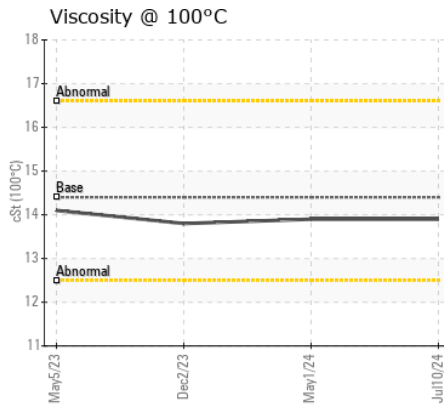
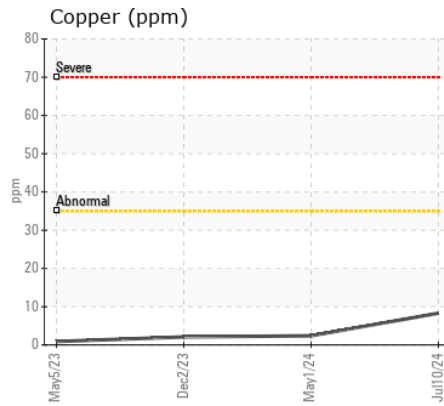
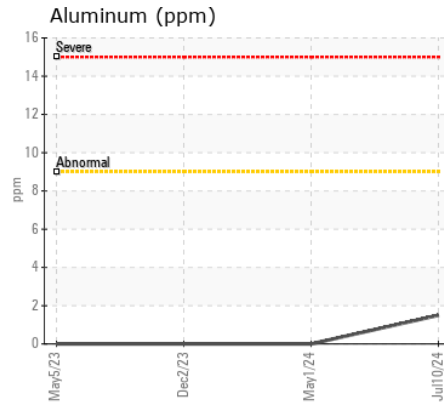
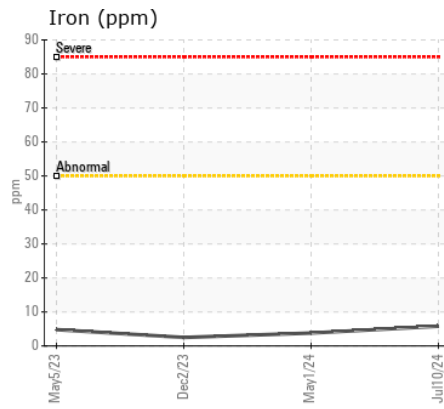
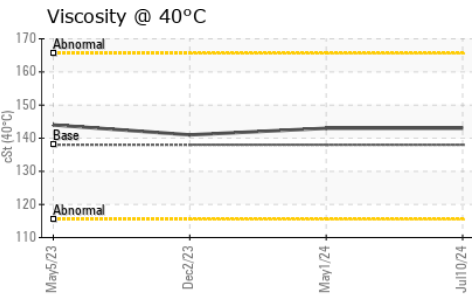
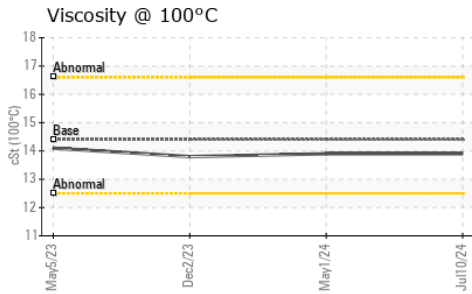
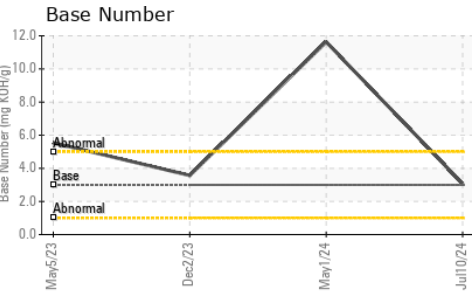
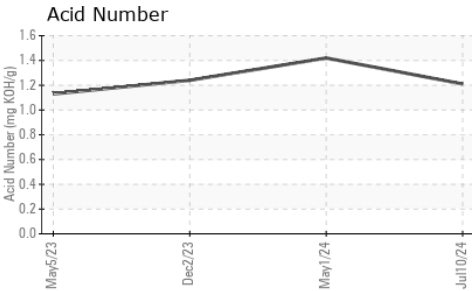
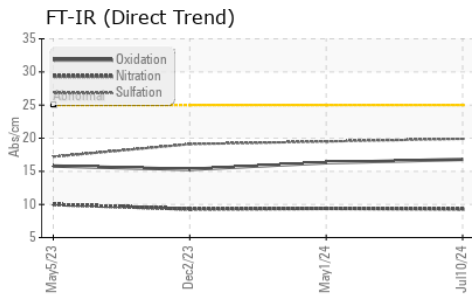
CONTAMINATION

There is no indication of any contamination in the oil.

FLUID CONDITION

The BN result indicates that there is suitable alkalinity remaining in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TO60002948	TO60002577	TO60001942
Sample Date		Client Info		10 Jul 2024	01 May 2024	02 Dec 2023
Machine Age	hrs	Client Info		5983	4938	3935
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Changed
Filter Changed		Client Info		N/A	N/A	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>50	6	4	2
Chromium	ppm	ASTM D5185m	>4	<1	0	0
Nickel	ppm	ASTM D5185m	>2	<1	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>3	0	0	0
Aluminum	ppm	ASTM D5185m	>9	2	0	0
Lead	ppm	ASTM D5185m	>30	16	14	11
Copper	ppm	ASTM D5185m	>35	8	2	2
Tin	ppm	ASTM D5185m	>4	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>+100	2	0	1
Potassium	ppm	ASTM D5185m	>20	3	0	0
Water		WC Method	>0.1	NEG	NEG	NEG
Soot %	%	*ASTM D7844		0	0	0
Nitration	Abs/cm	*ASTM D7624	>20	9.3	9.4	9.3
Sulfation	Abs/.1mm	*ASTM D7415	>30	19.9	19.5	19.1
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		6	2	2
Boron	ppm	ASTM D5185m	37	70	94	85
Barium	ppm	ASTM D5185m	12	0	0	0
Molybdenum	ppm	ASTM D5185m	200	1	0	1
Manganese	ppm	ASTM D5185m		2	<1	<1
Magnesium	ppm	ASTM D5185m	5	18	17	17
Calcium	ppm	ASTM D5185m	1600	1187	1165	1256
Phosphorus	ppm	ASTM D5185m	300	265	251	271
Zinc	ppm	ASTM D5185m	400	314	298	303
Sulfur	ppm	ASTM D5185m	2600	1947	1503	1225
Oxidation	Abs/.1mm	*ASTM D7414	>25	16.8	16.3	15.3
Acid Number (AN)	mg KOH/g	ASTM D8045		1.21	1.42	1.24
Base Number (BN)	mg KOH/g	ASTM D2896	3.0	3.07	11.63	3.57
Visc @ 40°C	cSt	ASTM D445	138	143	143	141
Visc @ 100°C	cSt	ASTM D445	14.4	13.9	13.9	13.8
Viscosity Index (VI)	Scale	ASTM D2270	102	92	92	93



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TO60002948 **Received** : 16 Jul 2024
Lab Number : 06238544 **Tested** : 17 Jul 2024
Unique Number : 11127378 **Diagnosed** : 17 Jul 2024 - Wes Davis
Test Package : MOB 2 (Additional Tests: KV40, VI)

EOG RESOURCES INC. - MIDLAND
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 MIDLAND, TX
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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)