



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL

Area
GATHERING STATIONS/BOA GATHERING STATION [25637]

Machine Id
MRC-205 - BOA 4 (S/N F62004)
Component
Compressor
Fluid
TULCO LUBSOIL LPG WS 150 (--- GAL)

RECOMMENDATION

We recommend you service the filters on this component if applicable. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TO60002715	TO60002558	TO60002582
Sample Date		Client Info		02 Jul 2024	30 May 2024	08 May 2024
Machine Age	hrs	Client Info		25637	24848	24422
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Chngd	N/A	N/A
Filter Changed		Client Info		Not Chngd	N/A	N/A
Sample Status				ABNORMAL	ABNORMAL	ABNORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>50	2	7	2
Chromium	ppm	ASTM D5185m	>10	0	0	<1
Nickel	ppm	ASTM D5185m		<1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	<1
Silver	ppm	ASTM D5185m		<1	0	<1
Aluminum	ppm	ASTM D5185m	>25	2	1	2
Lead	ppm	ASTM D5185m	>25	2	18	4
Copper	ppm	ASTM D5185m	>50	40	4	▲ 49
Tin	ppm	ASTM D5185m	>15	2	<1	3
Vanadium	ppm	ASTM D5185m		<1	0	<1
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

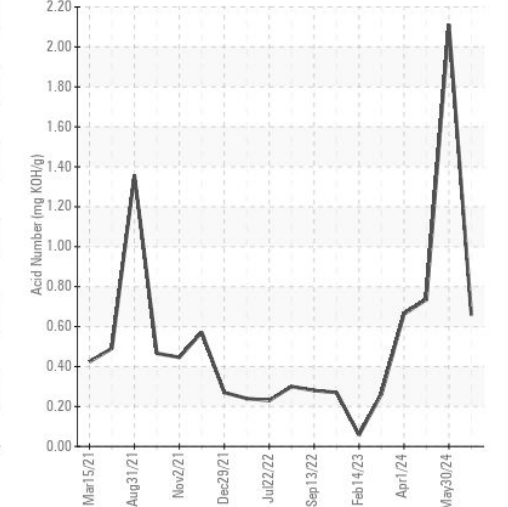
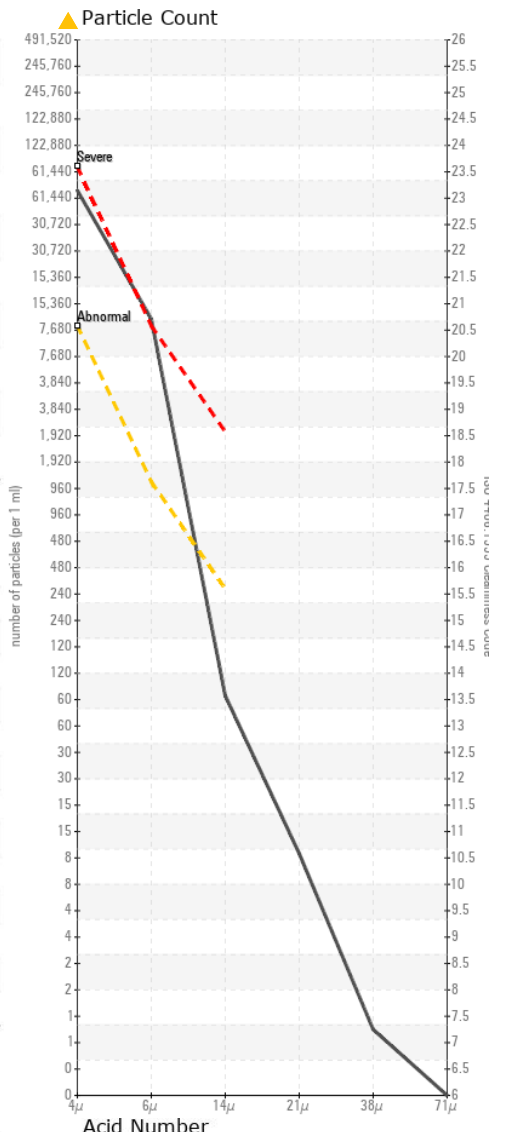
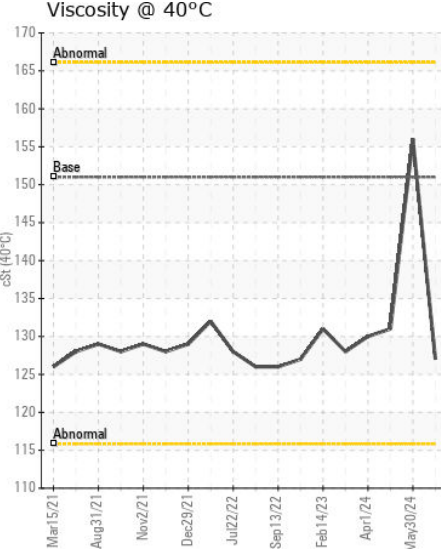
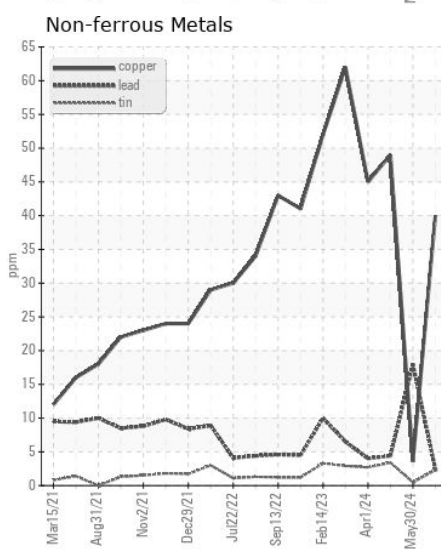
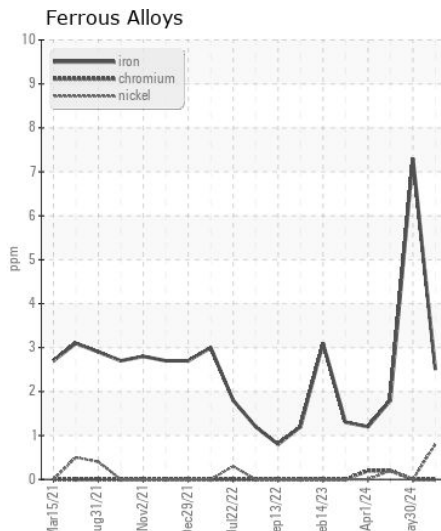
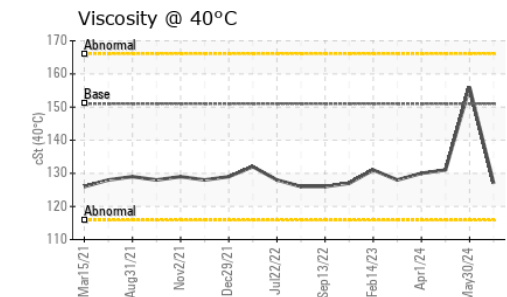
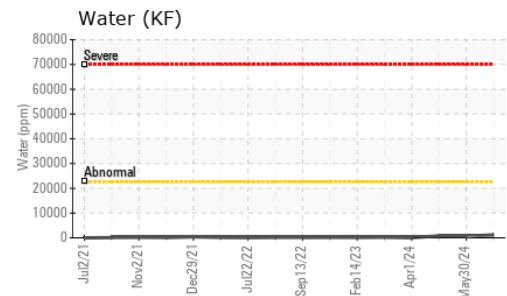
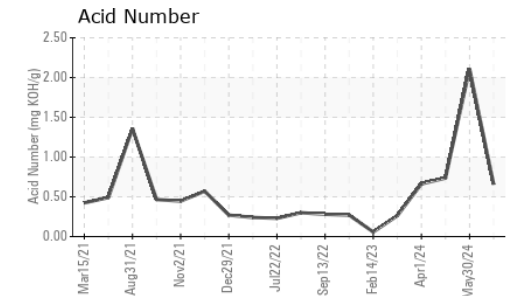
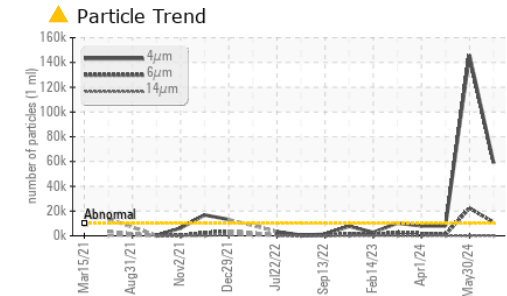
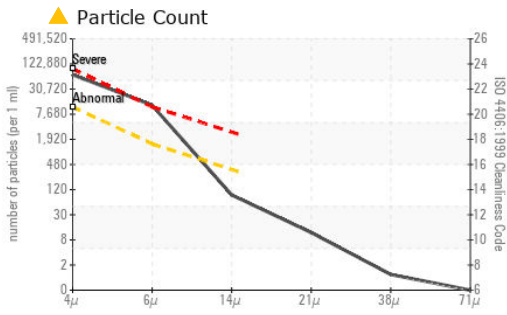
There is a high amount of silt (particulates < 14 microns in size) present in the oil.

Silicon	ppm	ASTM D5185m	>25	4	2	3
Potassium	ppm	ASTM D5185m	>20	4	4	2
Water	%	ASTM D6304	>2.26	0.117	0.069	0.081
ppm Water	ppm	ASTM D6304	>22600	1170	690	810
Particles >4µm		ASTM D7647	>10000	▲ 58785	▲ 145957	7936
Particles >6µm		ASTM D7647	>1300	▲ 10933	▲ 22425	994
Particles >14µm		ASTM D7647	>320	79	48	24
Particles >21µm		ASTM D7647	>80	10	3	4
Particles >38µm		ASTM D7647	>20	1	0	0
Particles >71µm		ASTM D7647	>4	0	0	0
Oil Cleanliness		ISO 4406 (c)	>20/17/15	▲ 23/21/13	▲ 24/22/13	20/17/12
Silt	scalar	*Visual	NONE	LIGHT	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	>2.26	NEG	NEG	NEG

FLUID CONDITION

The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Sodium	ppm	ASTM D5185m		6	6	2
Boron	ppm	ASTM D5185m	0	33	69	50
Barium	ppm	ASTM D5185m	0	0	<1	0
Molybdenum	ppm	ASTM D5185m	0	<1	<1	2
Manganese	ppm	ASTM D5185m		1	<1	0
Magnesium	ppm	ASTM D5185m	0	11	12	8
Calcium	ppm	ASTM D5185m	0	1336	1507	1356
Phosphorus	ppm	ASTM D5185m	0	303	297	320
Zinc	ppm	ASTM D5185m	0	358	400	362
Sulfur	ppm	ASTM D5185m	0	3484	3153	2955
Acid Number (AN)	mg KOH/g	ASTM D8045		0.658	2.11	0.736
Visc @ 40°C	cSt	ASTM D445	151	127	156	131
Visc @ 100°C	cSt	ASTM D445	28	13.3	15.1	13.4
Viscosity Index (VI)	Scale	ASTM D2270	224	98	96	96



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TO60002715 **Received** : 16 Jul 2024
Lab Number : 06238456 **Tested** : 18 Jul 2024
Unique Number : 11127290 **Diagnosed** : 18 Jul 2024 - Doug Bogart
Test Package : MOB 2 (Additional Tests: KF, KV100, PrtCount, VI)
 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)

EOG RESOURCES INC. - MIDLAND
 5509 CHAMPIONS DRIVE
 MIDLAND, TX
 US 79706
 Contact: HERMAN GARZA
 herman_garza@eogresources.com
 T: (432)686-3600
 F: