

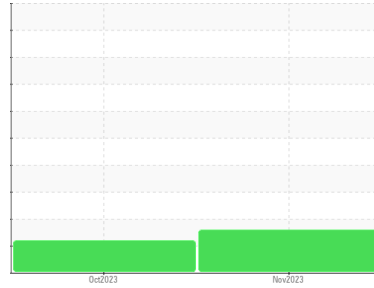
PROBLEM SUMMARY

Sample Rating Trend

ISO

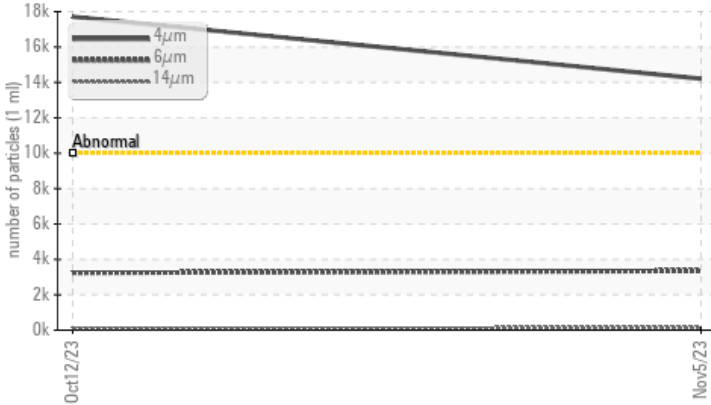


Machine Id
351
Component
Compressor
Fluid
NOT GIVEN (--- GAL)



COMPONENT CONDITION SUMMARY

▲ Particle Trend



RECOMMENDATION

No corrective action is recommended at this time.
Resample at the next service interval to monitor.

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	ATTENTION	---
Particles >4µm	ASTM D7647	>10000	▲ 14210	▲ 17710	---	---
Particles >6µm	ASTM D7647	>2500	▲ 3351	▲ 3238	---	---
Oil Cleanliness	ISO 4406 (c)	>20/18/15	▲ 21/19/14	▲ 21/19/14	---	---
Debris	scalar *Visual	NONE	▲ MODER	NONE	---	---

Customer Id: EOGMID
Sample No.: TO60001708
Lab Number: 06008420
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
Don Baldrige +1
don.b505@comcast.net

To change component or sample information:
Customer Service +1 1-800-237-1369
customerservice@wearcheck.com

RECOMMENDED ACTIONS

There are no recommended actions for this sample.

HISTORICAL DIAGNOSIS

12 Oct 2023 Diag: Don Baldrige

ISO



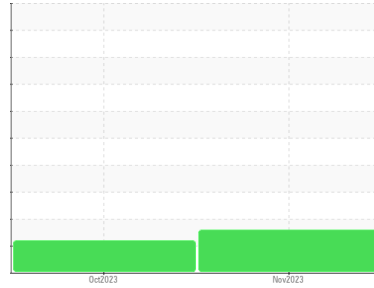
No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

view report



OIL ANALYSIS REPORT

Sample Rating Trend



Machine Id
351
 Component
Compressor
 Fluid
NOT GIVEN (--- GAL)

DIAGNOSIS

Recommendation
 No corrective action is recommended at this time. Resample at the next service interval to monitor.

Wear
 All component wear rates are normal.

Contamination
 There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. Moderate concentration of visible dirt/debris present in the oil.

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

SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	TO60001708	TO60001658	---
Sample Date	Client Info	05 Nov 2023	12 Oct 2023	---
Machine Age	hrs	707	185	---
Oil Age	hrs	0	0	---
Oil Changed	Client Info	N/A	N/A	---
Sample Status		ABNORMAL	ATTENTION	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm	ASTM D5185m >50	0	3	---
Chromium ppm	ASTM D5185m >10	0	<1	---
Nickel ppm	ASTM D5185m	0	0	---
Titanium ppm	ASTM D5185m	0	<1	---
Silver ppm	ASTM D5185m	0	0	---
Aluminum ppm	ASTM D5185m >25	<1	2	---
Lead ppm	ASTM D5185m >25	0	2	---
Copper ppm	ASTM D5185m >50	1	2	---
Tin ppm	ASTM D5185m >15	0	0	---
Vanadium ppm	ASTM D5185m	<1	0	---
Cadmium ppm	ASTM D5185m	0	<1	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm	ASTM D5185m	125	121	---
Barium ppm	ASTM D5185m	0	3	---
Molybdenum ppm	ASTM D5185m	<1	2	---
Manganese ppm	ASTM D5185m	<1	0	---
Magnesium ppm	ASTM D5185m	10	10	---
Calcium ppm	ASTM D5185m	1335	1270	---
Phosphorus ppm	ASTM D5185m	296	271	---
Zinc ppm	ASTM D5185m	336	287	---
Sulfur ppm	ASTM D5185m	1505	1148	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm	ASTM D5185m >25	3	4	---
Sodium ppm	ASTM D5185m	1	0	---
Potassium ppm	ASTM D5185m >20	<1	2	---
Water %	ASTM D6304 >0.1	0.032	0.014	---
ppm Water	ASTM D6304 >1000	324.7	143.9	---

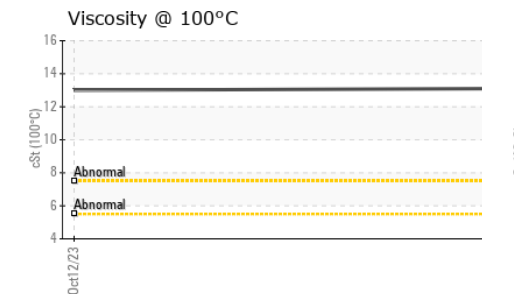
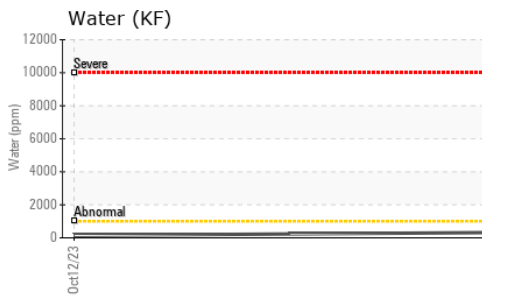
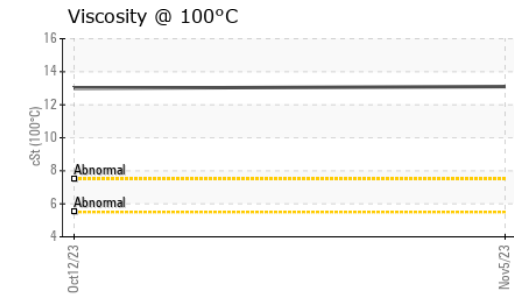
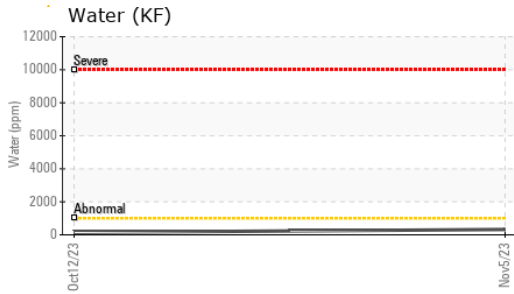
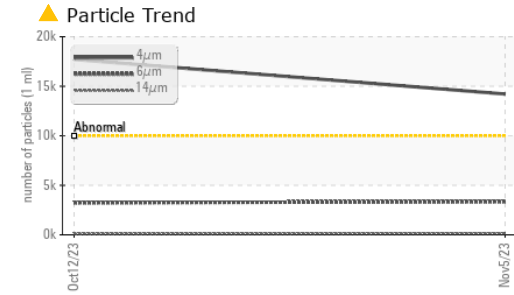
FLUID CLEANLINESS

method	limit/base	current	history1	history2
Particles >4µm	ASTM D7647 >10000	▲ 14210	▲ 17710	---
Particles >6µm	ASTM D7647 >2500	▲ 3351	▲ 3238	---
Particles >14µm	ASTM D7647 >320	139	107	---
Particles >21µm	ASTM D7647 >80	21	19	---
Particles >38µm	ASTM D7647 >20	0	1	---
Particles >71µm	ASTM D7647 >4	0	1	---
Oil Cleanliness	ISO 4406 (c) >20/18/15	▲ 21/19/14	▲ 21/19/14	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g	ASTM D8045	0.88	0.61	---

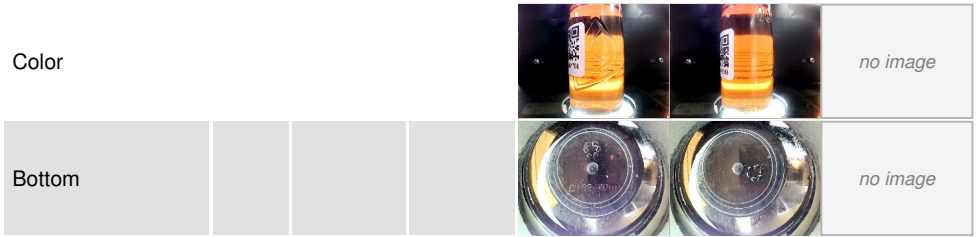
OIL ANALYSIS REPORT



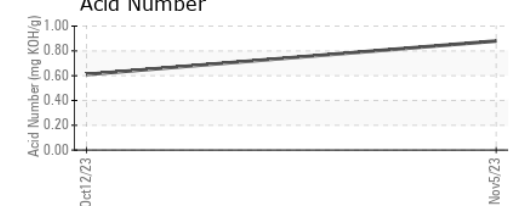
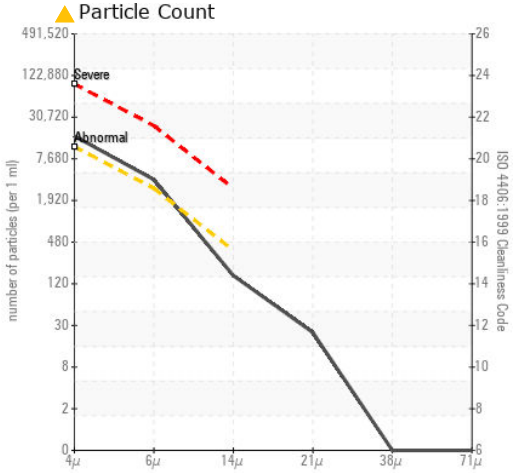
VISUAL	method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	---
Precipitate	scalar	*Visual	NONE	NONE	---
Silt	scalar	*Visual	NONE	NONE	---
Debris	scalar	*Visual	NONE	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	---
Odor	scalar	*Visual	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.1	NEG	---
Free Water	scalar	*Visual		NEG	---

FLUID PROPERTIES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D445	127	125	---
Visc @ 100°C	cSt	ASTM D445	13.1	13.0	---
Viscosity Index (VI)	Scale	ASTM D2270	97	96	---

SAMPLE IMAGES



GRAPHS



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : TO60001708 **Received** : 15 Nov 2023
Lab Number : 06008420 **Diagnosed** : 18 Nov 2023
Unique Number : 10742182 **Diagnostician** : Don Baldrige
Test Package : IND 2 (Additional Tests: KF, KV100, PrtCount, VI)

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

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)