



PROBLEM SUMMARY

Sample Rating Trend

VISUAL METAL

Area
MEK
 Machine Id
[MEK] B-Filter
 Component
Gearbox
 Fluid
CHEVRON SUPREME MOTOR OIL 10W40 (4 GAL)



COMPONENT CONDITION SUMMARY

No relevant graphs to display

RECOMMENDATION

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

PROBLEMATIC TEST RESULTS

Sample Status				ABNORMAL	---	---
Yellow Metal	scalar	*Visual	NONE	▲ MODER	---	---

Customer Id: CALSHR
Sample No.: RP0031621
Lab Number: 05815412
Test Package: IND 2



To manage this report scan the QR code

To discuss the diagnosis or test data:
 Jonathan Hester +1 919-379-4092 x4092
jhester@wearcheckusa.com

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

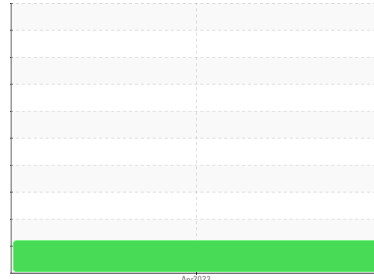


OIL ANALYSIS REPORT

Sample Rating Trend

VISUAL METAL

Area
MEK
 Machine Id
[MEK] B-Filter
 Component
Gearbox
 Fluid
CHEVRON SUPREME MOTOR OIL 10W40 (4 GAL)



DIAGNOSIS

- Recommendation**
 No corrective action is recommended at this time. Resample at the next service interval to monitor.
- Wear**
 High concentration of visible metal present. All component wear rates are normal.
- Contamination**
 The water content is negligible. There is no indication of any contamination 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	RP0031621	---	---
Sample Date	Client Info	05 Apr 2023	---	---
Machine Age	Client Info	0	---	---
Oil Age	Client Info	0	---	---
Oil Changed	Client Info	N/A	---	---
Sample Status		ABNORMAL	---	---

WEAR METALS

method	limit/base	current	history1	history2
Iron ppm ASTM D5185m	>200	7	---	---
Chromium ppm ASTM D5185m	>15	0	---	---
Nickel ppm ASTM D5185m	>15	0	---	---
Titanium ppm ASTM D5185m		0	---	---
Silver ppm ASTM D5185m		0	---	---
Aluminum ppm ASTM D5185m	>25	0	---	---
Lead ppm ASTM D5185m	>100	6	---	---
Copper ppm ASTM D5185m	>200	44	---	---
Tin ppm ASTM D5185m	>25	<1	---	---
Vanadium ppm ASTM D5185m		0	---	---
Cadmium ppm ASTM D5185m		0	---	---

ADDITIVES

method	limit/base	current	history1	history2
Boron ppm ASTM D5185m		115	---	---
Barium ppm ASTM D5185m		0	---	---
Molybdenum ppm ASTM D5185m		218	---	---
Manganese ppm ASTM D5185m		<1	---	---
Magnesium ppm ASTM D5185m		360	---	---
Calcium ppm ASTM D5185m		1105	---	---
Phosphorus ppm ASTM D5185m	990	523	---	---
Zinc ppm ASTM D5185m	1100	649	---	---

CONTAMINANTS

method	limit/base	current	history1	history2
Silicon ppm ASTM D5185m	>50	9	---	---
Sodium ppm ASTM D5185m		0	---	---
Potassium ppm ASTM D5185m	>20	1	---	---
Water % ASTM D6304	>0.2	0.116	---	---
ppm Water ppm ASTM D6304	>2000	1166.7	---	---

FLUID DEGRADATION

method	limit/base	current	history1	history2
Acid Number (AN) mg KOH/g ASTM D8045		1.52	---	---

VISUAL


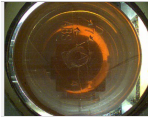
method	limit/base	current	history1	history2
White Metal scalar *Visual	NONE	NONE	---	---
Yellow Metal scalar *Visual	NONE	▲ MODER	---	---
Precipitate scalar *Visual	NONE	NONE	---	---
Silt scalar *Visual	NONE	NONE	---	---
Debris scalar *Visual	NONE	NONE	---	---
Sand/Dirt scalar *Visual	NONE	NONE	---	---
Appearance scalar *Visual	NORML	NORML	---	---
Odor scalar *Visual	NORML	NORML	---	---
Emulsified Water scalar *Visual	>0.2	NEG	---	---
Free Water scalar *Visual		NEG	---	---

OIL ANALYSIS REPORT

FLUID PROPERTIES method limit/base current history1 history2

Visc @ 40°C cSt ASTM D445 109.7 **89.2** --- ---

SAMPLE IMAGES method limit/base current history1 history2

Color				no image	no image
Bottom				no image	no image

GRAPHS

Ferrous Alloys



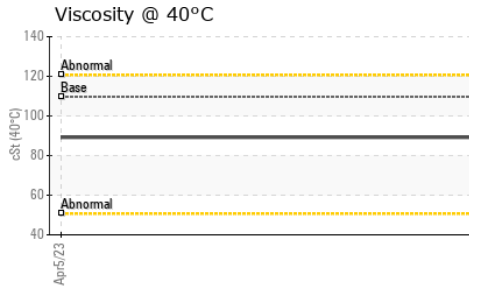
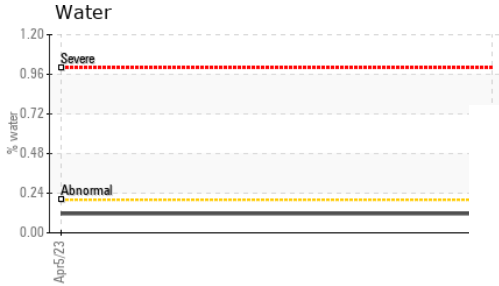
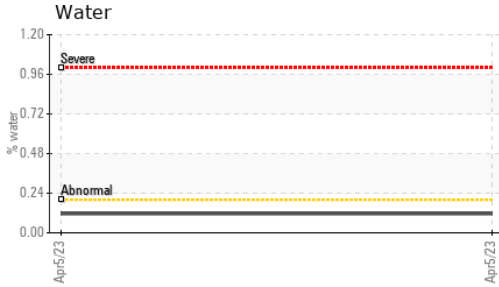
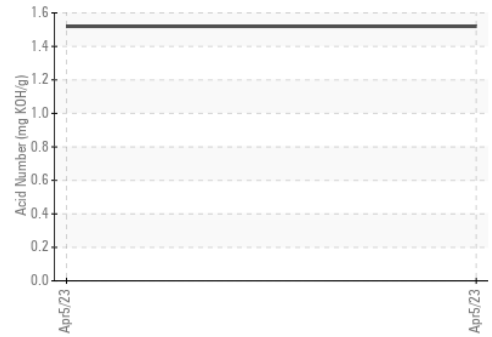
Non-ferrous Metals



Viscosity @ 40°C



Acid Number



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : RP0031621 **Received** : 10 Apr 2023
Lab Number : **05815412** **Diagnosed** : 13 Apr 2023
Unique Number : 10418204 **Diagnostician** : Jonathan Hester
Test Package : IND 2

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)

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