



OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Area
Claas Omaha
 Machine Id
Mag 1 DOT 4 Brake Fluid
 Component
Brakefluid
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. (Customer Sample Comment: Looking for water.)

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		SBP0000122	---	---
Sample Date		Client Info		06 Feb 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

All metal levels are normal indicating no corrosion in the cooling system.

Iron	ppm	ASTM D5185m	>50	0	---	---
Chromium	ppm	ASTM D5185m		<1	---	---
Nickel	ppm	ASTM D5185m	>5	0	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>150	1	---	---
Lead	ppm	ASTM D5185m	>7	0	---	---
Copper	ppm	ASTM D5185m	>450	0	---	---
Tin	ppm	ASTM D5185m	>50	0	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

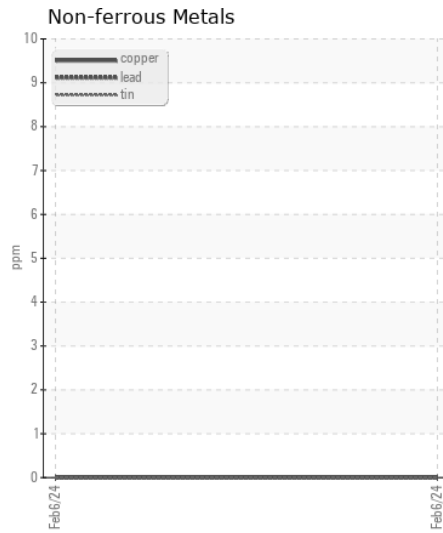
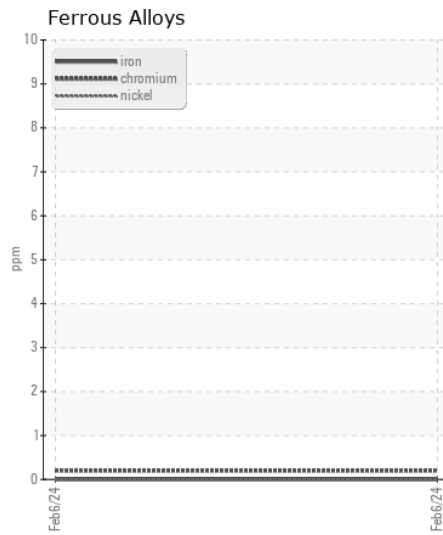
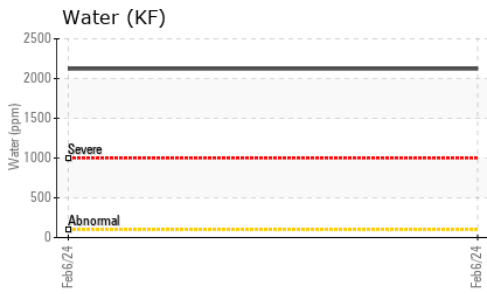
The water content is negligible. No other contaminants were detected in the brakefluid.

Silicon	ppm	ASTM D5185m		0	---	---
Potassium	ppm	ASTM D5185m	>20	2	---	---
Water	%	ASTM D6304	>2.0	0.212	---	---
ppm Water	ppm	ASTM D6304		2122	---	---
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	>2.0	NEG	---	---

FLUID CONDITION

The condition of the brakefluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185m		61	---	---
Boron	ppm	ASTM D5185m		7777	---	---
Barium	ppm	ASTM D5185m		8	---	---
Molybdenum	ppm	ASTM D5185m		0	---	---
Manganese	ppm	ASTM D5185m		0	---	---
Magnesium	ppm	ASTM D5185m		1	---	---
Calcium	ppm	ASTM D5185m		5	---	---
Phosphorus	ppm	ASTM D5185m		23	---	---
Zinc	ppm	ASTM D5185m		8	---	---
Sulfur	ppm	ASTM D5185m		2	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : SBP0000122
Lab Number : 06087869
Unique Number : 10875314
Test Package : CONST (Additional Tests: KF)

Sapp Bros. Petroleum - Omaha - OMA
 9915 South 148th
 OMAHA, NE
 US 68138
 Contact: Service Manager

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: