

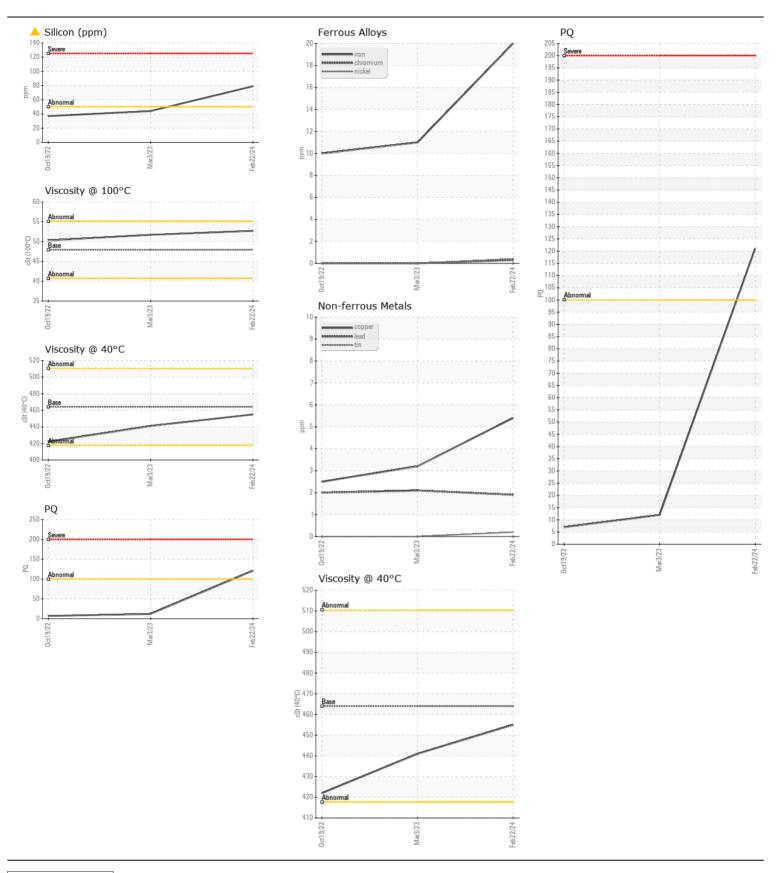
WEAR CONTAMINATION **FLUID CONDITION**

NORMAL **ABNORMAL NORMAL**

Machine Id CUST 219B

Component Gearbox

RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
No corrective action is recommended at this time. Resample at the next service interval to monitor.	Sample Number		Client Info		TO10003197	TO10001940	TO10001192
	Sample Date		Client Info		22 Feb 2024	03 Mar 2023	19 Oct 2022
	Machine Age	hrs	Client Info		0	0	0
	Oil Age	hrs	Client Info		0	0	0
	Filter Age	hrs	Client Info		0	0	0
	Oil Changed		Client Info		N/A	N/A	N/A
	Filter Changed		Client Info		N/A	N/A	N/A
	Sample Status				ABNORMAL	NORMAL	NORMAL
WEAR	PQ		ASTM D8184		121	12	7
	Iron	ppm	ASTM D5185m	>200	20	11	10
All component wear rates are normal.	Chromium	ppm	ASTM D5185m		<1	0	0
	Nickel	ppm	ASTM D5185m		<1	0	0
	Titanium	ppm	ASTM D5185m		0	<1	0
	Silver	ppm	ASTM D5185m		0	0	0
	Aluminum	ppm	ASTM D5185m	>25	<1	<1	0
	Lead	ppm	ASTM D5185m		2	2	2
	Copper	ppm	ASTM D5185m		5	3	2
	Tin	ppm	ASTM D5185m		<1	0	0
	Vanadium	ppm	ASTM D5185m		0	<1	0
	White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
	Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
CONTAMINATION	Silicon	ppm	ASTM D5185m	>50	<u>^</u> 79	44	37
Elemental level of silicon (Si) above normal.	Potassium	ppm	ASTM D5185m		1	0	0
	Water	1-1-	WC Method	>0.2	NEG	NEG	NEG
	Silt	scalar	*Visual	NONE	NONE	NONE	NONE
	Debris	scalar	*Visual	NONE	LIGHT	NONE	NONE
	Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
	Appearance	scalar	*Visual	NORML	NORML	NORML	NORMI
	Odor	scalar	*Visual	NORML	NORML	NORML	NORMI
	Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
FLUID CONDITION	Sodium	ppm	ASTM D5185m		<1	<1	0
	Boron	ppm	ASTM D5185m		0	0	0
The condition of the oil is acceptable for the time in service.	Barium	ppm	ASTM D5185m		0	0	0
	Molybdenum	ppm	ASTM D5185m		<1	0	0
	Manganese	ppm	ASTM D5185m		<1	<1	<1
	Magnesium	ppm	ASTM D5185m		<1	<1	0
	Calcium	ppm	ASTM D5185m		4	2	2
	Phosphorus	ppm	ASTM D5185m		412	498	433
	Zinc	ppm	ASTM D5185m		2	0	0
	Sulfur	ppm	ASTM D5185m		2754	2730	3589
	Visc @ 40°C	cSt	ASTM D445	464	455	441	422
	Visc @ 100°C	cSt	ASTM D445		52.7	51.7	50.3





Laboratory Sample No.

Lab Number : 06103315 Unique Number: 10901545

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 : TO10003197

Received **Tested**

: 01 Mar 2024 Diagnosed Test Package : IND 2 (Additional Tests: KV100, PQ, VI)

: 01 Mar 2024 - Don Baldridge

: 28 Feb 2024

BERRY STRETCH 3137 HWY 69A PRYOR, OK US 74361

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: