

## Machine Id **18 - 2 TREAD LINE GUM CUSHION** Component **Gearbox** Fluid **TRC 890 VARI-PURPOSE 85W140 (22 GAL)**

## RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

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All component wear rates are normal.

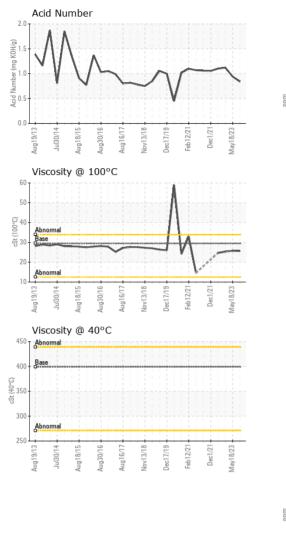
## CONTAMINATION

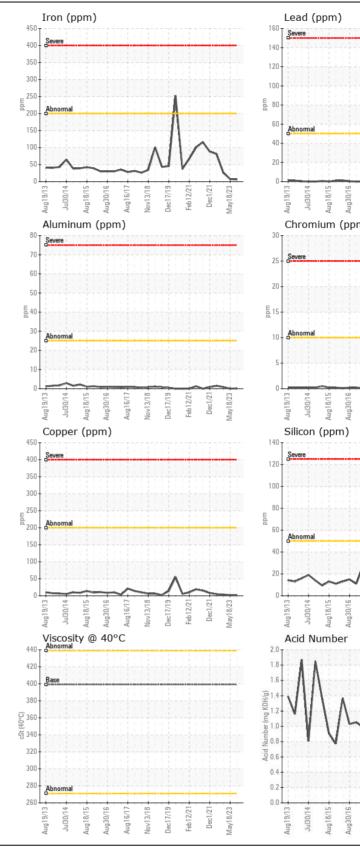
There is no indication of any contamination in the oil.

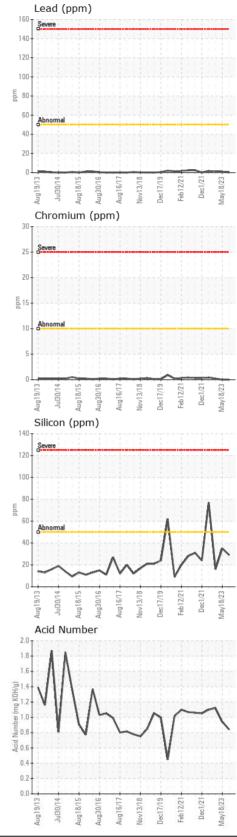
## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		TR06029533	TR05854467	TR05565688
Sample Date		Client Info		21 Nov 2023	18 May 2023	07 Jun 2022
Machine Age	yrs	Client Info		0	0	0
Oil Age	yrs	Client Info		0	0	0
Filter Age	yrs	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				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>200	6	7	26
Chromium	ppm	ASTM D5185m	>10	0	0	<1
Nickel	ppm	ASTM D5185m	>10	0	0	0
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		0	0	1
Aluminum	ppm	ASTM D5185m	>25	<1	0	<1
Lead	ppm	ASTM D5185m	>50	<1	<1	<1
Copper	ppm	ASTM D5185m	>200	2	2	4
Tin	ppm	ASTM D5185m	>10	0	0	<1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silioon			. 50	20	25	16
Silicon	ppm	ASTM D5185m ASTM D5185m	>50	29 1	35	16
Potassium Water	ppm		>20	1 NEG	<1 NEG	<1 NEG
Silt	ooclar	WC Method	>0.2 NONE	NONE		
Debris	scalar scalar	*Visual *Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
		*Visual	NORML	NORML	NORML	NORML
Appearance	scalar			NORML		
Odor Emulsified Water	scalar	*Visual *Visual	NORML	NORML	NORML	NORML
	scalar	visual	>0.2	NEG	NEG	INEG
Sodium	ppm	ASTM D5185m		0	0	0
Boron	ppm	ASTM D5185m		50	49	<1
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		<1	<1	<1
Manganese	ppm	ASTM D5185m		<1	0	<1
Magnesium	ppm	ASTM D5185m		0	2	<1
Calcium	ppm	ASTM D5185m		78	109	6
Phosphorus	ppm	ASTM D5185m		726	704	721
Zinc	ppm	ASTM D5185m		0	4	6
Sulfur	ppm	ASTM D5185m		18838	16701	19052
Acid Number (AN)	mg KOH/g	ASTM D8045		0.84	0.94	1.12
Visc @ 40°C	cSt	ASTM D445	399	330		
Visc @ 100°C	cSt	ASTM D445	29.5	25.6	25.8	25.3
Viscosity Index (VI)	Scale	ASTM D2270		100		







**CARLSTAR GROUP - FORMERLY CARLISLE TIRE** Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received :08 Dec 2023 520 JD YARNELL IND. PKWY : TR06029533 : 06029533 : 11 Dec 2023 CLINTON, TN Lab Number Tested Unique Number : 10779324 : 11 Dec 2023 - Wes Davis US 37716 Diagnosed Test Package : MOB 2 (Additional Tests: KV100, VI) Contact: JOHN GAINES Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-827-0711. \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T:

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (865)463-3696

Contact/Location: JOHN GAINES - CARCLIUS