

Machine Id **14 - 2 TREAD LINE GUM CUSHION** Component **Gearbox** Fluid **TRC 890 VARI-PURPOSE 85W140 (13 GAL)**

RECOMMENDATION

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



All component wear rates are normal.

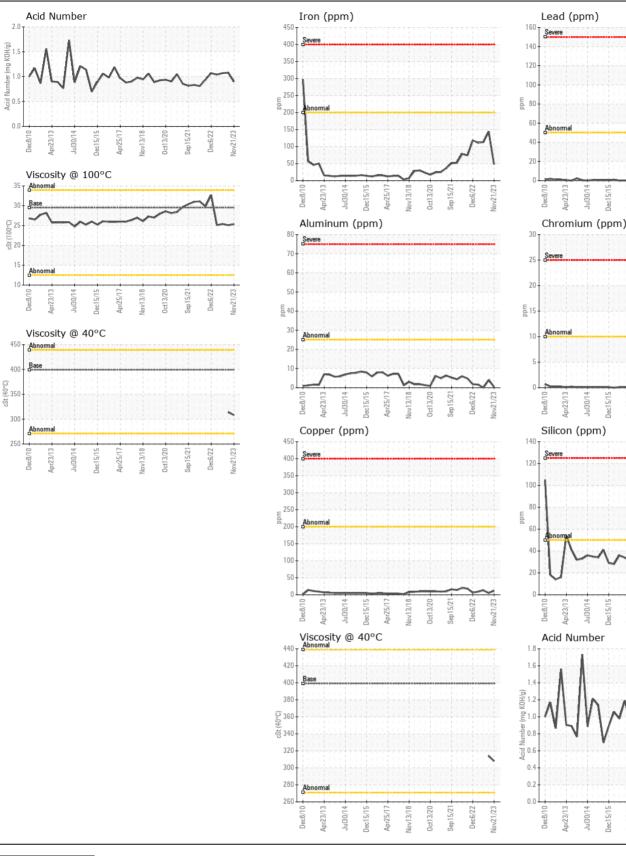
CONTAMINATION

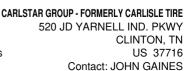
There is no indication of any contamination in the oil.

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		TR06029532	TR05939813	TR05854483
Sample Date		Client Info		21 Nov 2023	30 Aug 2023	18 May 2023
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	ABNORMAL	NORMAL
Iron	ppm	ASTM D5185m	>200	48	144	113
Chromium	ppm	ASTM D5185m	>10	<1	<1	<1
Nickel	ppm	ASTM D5185m	>10	<1	0	<1
Titanium	ppm	ASTM D5185m		<1	<1	<1
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>25	<1	4	0
Lead	ppm	ASTM D5185m	>50	6	2	2
Copper	ppm	ASTM D5185m	>200	12	5	13
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>50	14	64	47
Potassium	ppm	ASTM D5185m	>20	1	4	1
Water	ppiii	WC Method	>0.2	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	NEG	NEG	NEG
Sodium	ppm	ASTM D5185m		0	<1	<1
Boron	ppm	ASTM D5185m		0	0	0
Barium	ppm	ASTM D5185m		0	0	0
Molybdenum	ppm	ASTM D5185m		1	<1	<1
Manganese	ppm	ASTM D5185m		1	1	1
Magnesium	ppm	ASTM D5185m		0	3	2
Calcium	ppm	ASTM D5185m		0	7	10
Phosphorus	ppm	ASTM D5185m		788	758	697
Zinc	ppm	ASTM D5185m		16	16	16
Sulfur	ppm	ASTM D5185m		20815	25056	17696
Acid Number (AN)	mg KOH/g	ASTM D8045		0.90	1.08	1.07
Visc @ 40°C	cSt	ASTM D445	399	308	314	
Visc @ 100°C	cSt	ASTM D445	29.5	25.3	25.1	25.4
Viscosity Index (VI)	Scale	ASTM D2270		106	102	
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: 06029532 Lab Number : 11 Dec 2023 Tested Unique Number : 10779323 : 11 Dec 2023 - Wes Davis Diagnosed Test Package : MOB 2 (Additional Tests: KV100, VI) 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

: TR06029532

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

Received

:08 Dec 2023

T:

F: (865)463-3696

Dec6/22 lov21/23 -

Sep15/21

Dec6/22 lov21/23

609 /21/23

ep15/21

Sep15/21

Dec6/22

sep15/21

Jec15/15

Dec15/19 vpr25/1

Dec15/15

Dec15/15

Apr25/17 Nov13/18

un75/1 nv13/1

un75/1

ov13/18

v13/18

S

Laboratory

Sample No.

Contact/Location: JOHN GAINES - CARCLIUS

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