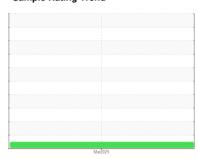


OIL ANALYSIS REPORT

Sample Rating Trend







WL-5 Rear Differential {not provided} (--- GAL)

Machine Id

Recommendation

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

All component wear rates are normal.

Contamination

There is no indication of any contamination in the oil.

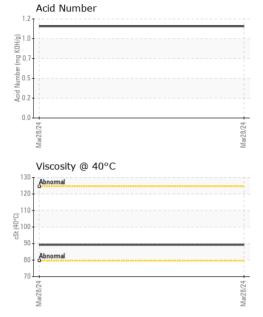
Fluid Condition

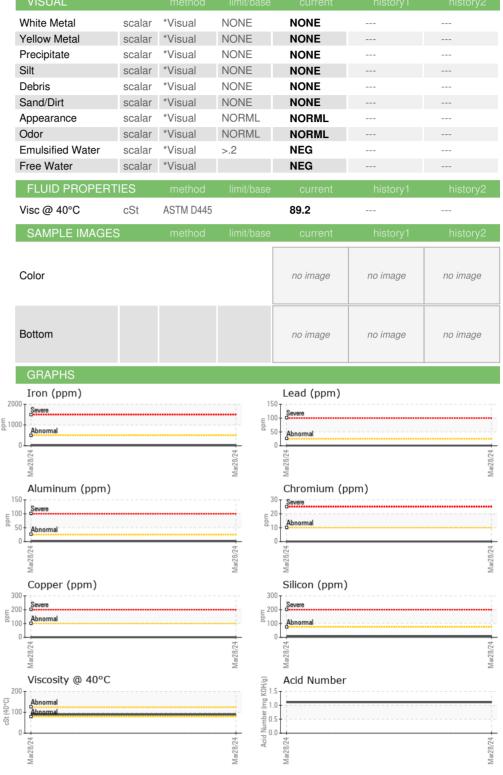
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		KFS0003949		
Sample Date		Client Info		28 Mar 2024		
Machine Age	hrs	Client Info		6997		
Oil Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
CONTAMINATION	٧	method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	16		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	1		
Lead	ppm	ASTM D5185m	>25	<1		
Copper	ppm	ASTM D5185m	>100	0		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		10		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		2		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		13		
Calcium	ppm	ASTM D5185m		3332		
Phosphorus	ppm	ASTM D5185m		923		
Zinc	ppm	ASTM D5185m		1082		
Sulfur	ppm	ASTM D5185m		3926		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	6		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	<1		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		1.11		



OIL ANALYSIS REPORT









Certificate 12367

Laboratory Sample No.

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Lab Number : 06139338

: KFS0003949

To discuss this sample report, contact Customer Service at 1-800-237-1369.

Unique Number : 10964146 Test Package : MOB 2

Received : 04 Apr 2024 : 05 Apr 2024 Tested

Diagnosed : 05 Apr 2024 - Wes Davis

US 38401 Contact: BEN HARNESS ben@slectharness.com

855 N JAMES CAMPBELL BLVD

* - 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: (615)733-4480

HARNESS LLC

COLUMBIA, TN