

OIL ANALYSIS REPORT

Sample Rating Trend



NORMAL



Machine Id
T339

Rear Differential

Fluid

{not provided} (--- GAL)

DIAGNOSIS

Recommendation

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

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the

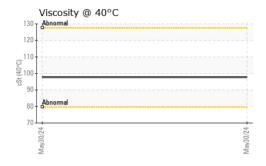
Fluid Condition

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

				May2024		
SAMPLE INFORI	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		PCA0125387		
Sample Date		Client Info		30 May 2024		
Machine Age	mls	Client Info		26341		
Oil Age	mls	Client Info		0		
Oil Changed	11110	Client Info		Not Changd		
Sample Status				NORMAL		
CONTAMINAT	ION	method	limit/base	current	history1	history2
Water		WC Method	>.2	NEG		
WEAR METAL	S	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>500	98		
Chromium	ppm	ASTM D5185m	>10	۶۵ <1		
Nickel	ppm		>10	0		
Titanium	ppm	ASTM D5185m	710	0		
Silver		ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	۰ <1		
Lead	ppm	ASTM D5185m	>25	0		
Copper	ppm	ASTM D5185m	>100	۰ <1		
Tin	ppm		>100	0		
Vanadium	ppm	ASTM D5185m	710	0		
Cadmium	ppm	ASTM D5185m		0		
	PP		11 1. 1.			
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		82		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		13		
Magnesium	ppm	ASTM D5185m		186		
Calcium	ppm	ASTM D5185m		18		
Phosphorus	ppm	ASTM D5185m		1819		
Zinc	ppm	ASTM D5185m		15		
Sulfur	ppm	ASTM D5185m		29861		
CONTAMINAN	TS	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>75	11		
Sodium	ppm	ASTM D5185m		3		
Potassium	ppm	ASTM D5185m	>20	0		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
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	NEG		
Free Water	scalar	*Visual		NEG		

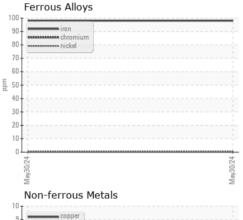


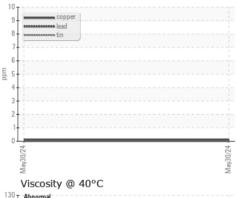
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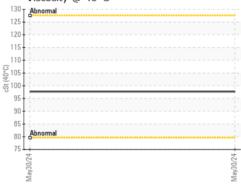




GRAPHS











Laboratory Sample No.

Lab Number : 06198051 Unique Number : 11060174

: PCA0125387

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

Received : 03 Jun 2024 Tested Diagnosed

: 04 Jun 2024 : 04 Jun 2024 - Wes Davis

100 INDEPENDENCE BLVD

US 29210 Contact: GEORGE EDWARDS gedwards@nwwhite.com

COLUMBIA, SC

NW WHITE & CO - COLUMBIA DIVISION

Test Package : FLEET Certificate 12367 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)

Contact/Location: GEORGE EDWARDS - NWWCOL

F:

T: