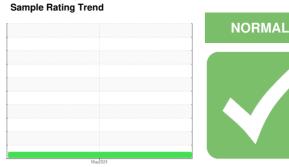


OIL ANALYSIS REPORT

Area **CARS CARS23MAY24-246**

Gearbox

Fluid XPDC 128 (--- GAL)



Recommendation

Resample at the next service interval to monitor.

All component wear rates are normal.

Contamination

The water content is negligible. There is no indication of any contamination in the oil. The amount and size of particulates present in the system are acceptable.

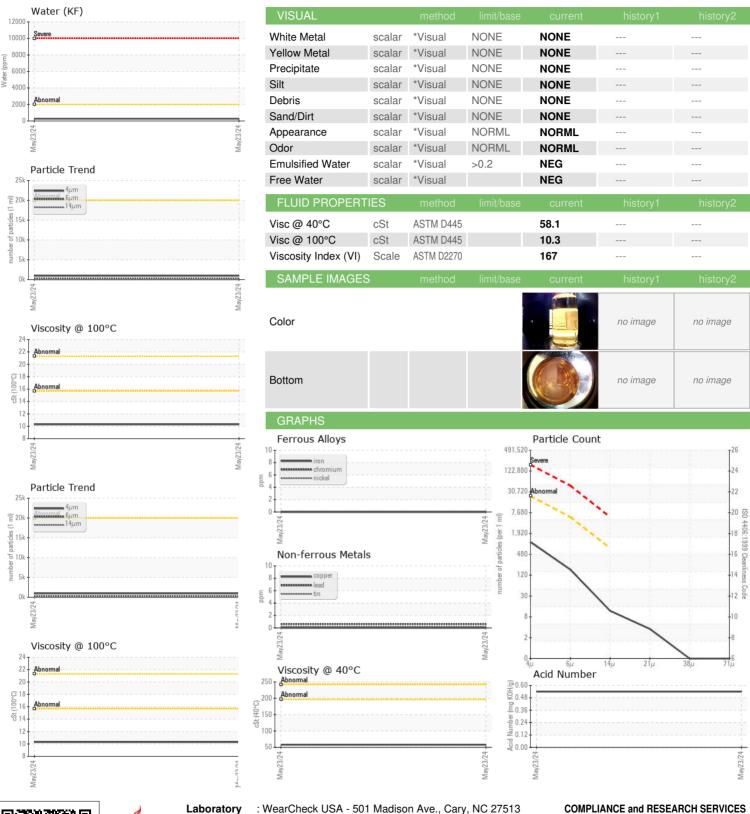
Fluid Condition

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

				May2024		
0444045 1145004						
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		WC0667279		
Sample Date		Client Info		23 May 2024		
Machine Age	mls	Client Info		0		
Oil Age	mls	Client Info		0		
Oil Changed		Client Info		N/A		
Sample Status				NORMAL		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>200	0		
Chromium	ppm	ASTM D5185m	>10	0		
Nickel	ppm	ASTM D5185m	>10	0		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		<1		
Aluminum	ppm	ASTM D5185m	>25	<1		
Lead	ppm	ASTM D5185m	>50	<1		
Copper	ppm	ASTM D5185m	>200	0		
Tin	ppm	ASTM D5185m	>10	<1		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m		81		
Barium	ppm	ASTM D5185m		0		
Molybdenum	ppm	ASTM D5185m		0		
Manganese	ppm	ASTM D5185m		<1		
Magnesium	ppm	ASTM D5185m		185		
Calcium	ppm	ASTM D5185m		2		
Phosphorus	ppm	ASTM D5185m		1695		
Zinc	ppm	ASTM D5185m		5		
Sulfur	ppm	ASTM D5185m		27555		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	2		
Sodium	ppm	ASTM D5185m		<1		
Potassium	ppm	ASTM D5185m	>20	2		
Water	%	ASTM D6304	>0.2	0.027		
ppm Water	ppm	ASTM D6304	>2000	273		
FLUID CLEANLIN	IESS	method	limit/base	current	history1	history2
Particles >4µm		ASTM D7647	>20000	952		
Particles >6µm		ASTM D7647	>5000	154		
Particles >14µm		ASTM D7647	>640	10		
Particles >21µm		ASTM D7647	>160	3		
Particles >38µm		ASTM D7647	>40	0		
Particles >71µm		ASTM D7647	>10	0		
Oil Cleanliness		ISO 4406 (c)	>21/19/16	17/14/10		
FLUID DEGRADA	TION	method	limit/base	current	history1	history2
Acid Number (AN)	mg KOH/g	ASTM D8045		0.54		



OIL ANALYSIS REPORT





Report Id: COMPLANJ [WUSCAR] 06193971 (Generated: 05/31/2024 11:07:01) Rev: 1

Laboratory Sample No. Lab Number

: WC0667279

: 06193971 Unique Number : 11056094

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 29 May 2024 **Tested** : 31 May 2024

Diagnosed : 31 May 2024 - Jonathan Hester

1701 WEST FRONT ST PLAINFIELD, NJ US 07063 Contact: MATT LARKIN

Test Package : MOB 2 (Additional Tests: KF, KV100, PrtCount, VI) Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369. st - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

blending@complianceandresearch.com T:

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: MATT LARKIN - COMPLANJ

F: